

Converting Colors

XYZ(100.6466, 95.1323,
205.3270)

Have a look what the booklet for
XYZ(100.6466, 95.1323, 205.3270)
contains.

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Color

**XYZ(82.0955, 87.8152,
107.2309)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F3FF
RGB	228, 243, 255
RGB Percent	89%, 95%, 100%
CMY	0.1059, 0.0470, 0.0000
CMYK	0.11, 0.05, 0.00, 0.00
HSL	207°, 100%, 95%
HSV	207°, 11%, 100%
XYZ	82.0955, 87.8152, 107.2309
YIQ	239.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

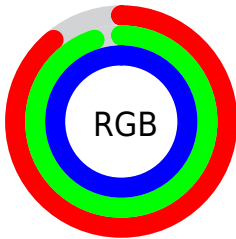
Format	Color
R _Y B	228, 238, 255
Decimal	15004671
CIE Lab	95.08, -2.63, -7.46
CIE LCh	95, 7.912, 250.551
Yxy	87.8152, 0.2962, 0.3169
Android (android.graphics.Color)	4293194751 (0xFFE4F3FF)
YUV	239.8830, 7.4527, -10.4214
Hunter-Lab	93.7098, -7.6151, -2.2480

Details

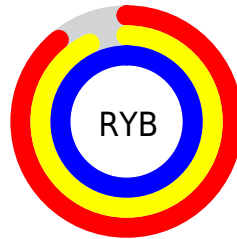
The XYZ color **82.0955, 87.8152, 107.2309** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4030, 89.1797, 86.0598**, and the grayscale version is **82.6857, 86.9918, 94.7340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9766, 48.3885, 60.3955** is the 20% darker color. If you saturate the color by 10%, you get **71.3088, 77.3779, 105.7848**, and if you desaturate by 10%, it is **94.2891, 99.2931, 108.8037**.

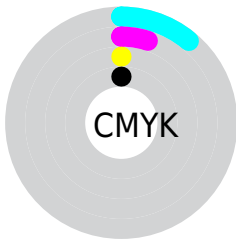
Distribution



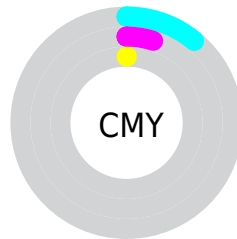
- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0955, 87.8152, 107.2309 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.0955, 87.8152, 107.2309 by changing the saturation by 10% instead.

82.0955, 87.8152,
107.2309

82.0955, 87.8152,
107.2309

490.5967,
520.8979, 604.5787

61.7586, 66.1700,
81.7025

135.2430,
144.2998, 173.1974

45.0926, 48.4104,
60.5860

168.7844,
179.9081, 214.4726

31.7319, 34.1520,
43.4627

207.4580,
220.9396, 261.8337

21.3114, 23.0104,
29.9143

251.6292,
267.7785, 315.6995

13.4656, 14.6012,
19.5220

301.6633,
320.8095, 376.4883

7.8291, 8.5400,
11.8675

357.9257,

4.0367, 4.4424,

380.4167, 444.6187

6.5321

420.7817,
446.9847, 520.5094

■ 1.7229, 1.9240,
3.0972

■ 0.4705, 0.5627,
1.1445

■ 82.0955, 87.8152,
107.2309

■ 82.0955, 87.8152,
107.2309

■ 71.3088, 77.3779,
105.7848

94.2891, 99.2931,
108.8037

■ 61.8664, 67.9363,
104.4600

95.0500, 100.0000,
108.9000

■ 53.7108, 59.4574,
103.2533

■ 46.7776, 51.9020,
102.1604

■ 40.9961, 45.2278,
101.1769

■ 36.2878, 39.3880,
100.2978

■ 32.5632, 34.3299,
99.5178

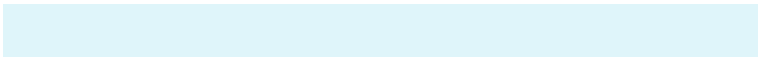
■ 29.7156, 29.9920,
98.8306

■ 27.6798, 26.4797,
98.2599

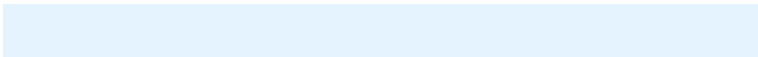
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3610, 87.8152, 103.5288



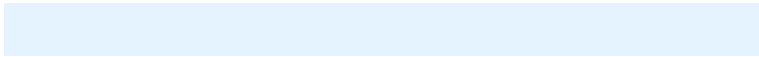
82.0955, 87.8152, 107.2309



84.2257, 87.8152, 107.7454

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0955, 87.8152, 107.2309



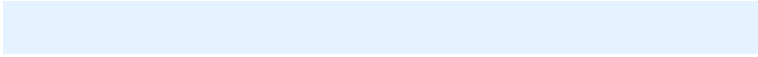
87.6000, 87.8152, 93.4623



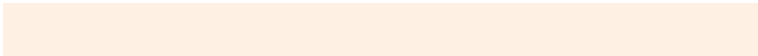
80.8044, 87.8152, 86.8912

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82.0955, 87.8152, 107.2309



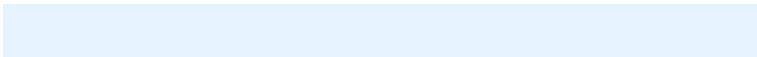
86.4030, 89.1797, 86.0598

Split Complementary

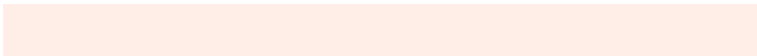
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7104, 87.8152, 84.4326



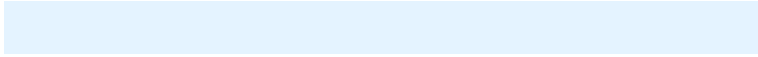
82.0955, 87.8152, 107.2309



86.6494, 87.8152, 88.1167

Square

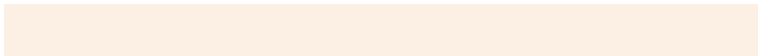
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



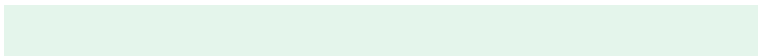
82.0955, 87.8152, 107.2309



87.4285, 87.8152, 99.6162



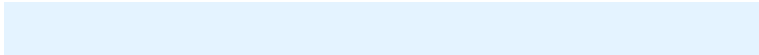
84.8511, 87.8152, 84.8713



79.6245, 87.8152, 91.7240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0955, 87.8152, 107.2309



85.5867, 87.8152, 106.1885



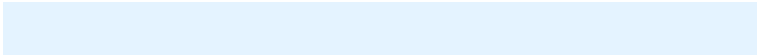
84.8511, 87.8152, 84.8713



81.3801, 87.8152, 85.7693

Sweetspot

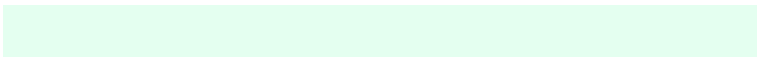
The Sweet Spot groups the original color and five complimentary colors.



82.0978, 87.8188, 107.2314



91.2166, 96.4285, 108.4127



83.4394, 94.2878, 96.0072



19.3095, 20.4388, 23.1773



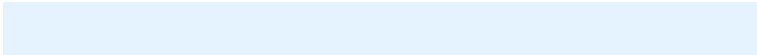
0.0000, 0.0000, 0.0000



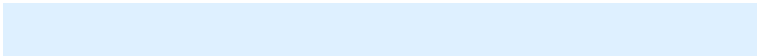
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0978, 87.8188, 107.2314



79.3686, 85.2065, 106.8711



78.2873, 80.1978, 105.9613



17.8402, 19.0520, 22.9871



14.6147, 14.1389, 51.3934



1.5320, 1.5947, 5.0403

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85.1625, 83.2193, 96.3727



83.0901, 79.7304, 93.6604



90.4324, 97.2385, 87.4029



18.4320, 18.1561, 20.8920



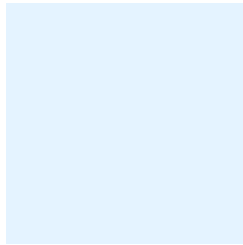
24.1650, 12.1553, 14.7853



2.4079, 1.2055, 1.7294

Previews

White Background



This preview shows how the XYZ color 82.0955, 87.8152, 107.2309 looks on a white background.

Color Contrast Check

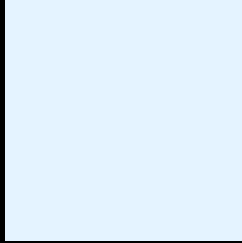
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.0955, 87.8152, 107.2309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

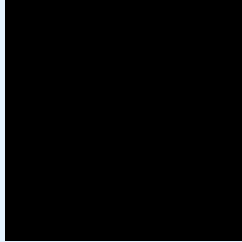
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

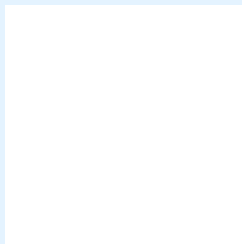
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0955, 87.8152, 107.2309

Background



This preview shows how black text looks on a background with the XYZ color 82.0955, 87.8152, 107.2309.



This preview shows how white text looks on a background with the XYZ color 82.0955, 87.8152,

107.2309.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.0955, 87.8152, 107.2309

Protanopia

84.8718, 87.5256, 105.3494

Deuteranopia

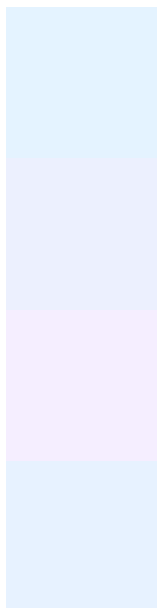
88.9983, 87.8967, 106.8828



Tritanopia

83.4064, 88.0479, 107.2067

Trichromacy



Original Color

82.0955, 87.8152, 107.2309

Protanomaly

83.6416, 87.3088, 106.2098

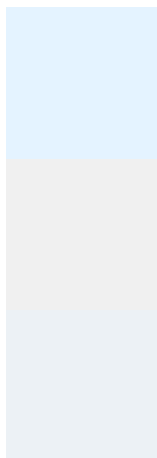
Deuteranomaly

86.2807, 87.7815, 107.0038

Tritanomaly

82.7571, 87.7132, 107.1763

Monochromacy



Original Color

82.0955, 87.8152, 107.2309

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5288, 87.3360, 98.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0955, 87.8152, 107.2309 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 243, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0955, 87.8152, 107.2309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 243, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 243, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0955, 87.8152, 107.2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 243, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
243, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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