

Converting Colors

XYZ(82.7528, 87.2747,
106.4174)

Have a look what the booklet for
XYZ(82.7528, 87.2747, 106.4174)
contains.

XYZ(82.6234, 87.2222, 106.2468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.6234, 87.2222,
106.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1FE
RGB	232, 241, 254
RGB Percent	91%, 95%, 100%
CMY	0.0902, 0.0549, 0.0039
CMYK	0.09, 0.05, 0.00, 0.00
HSL	215°, 92%, 95%
HSV	215°, 9%, 100%
XYZ	82.6234, 87.2222, 106.2468
YIQ	239.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

Format	Color
R _{YB}	232, 238, 254
Decimal	15266302
CIE Lab	94.83, -0.54, -7.28
CIE LCh	95, 7.302, 265.791
Yxy	87.2222, 0.2993, 0.3159
Android (android.graphics.Color)	4293456382 (0xFFE8F1FE)
YUV	239.7910, 7.0050, -6.8327
Hunter-Lab	93.3928, -5.5209, -2.0753

Details

The XYZ color **82.6234, 87.2222, 106.2468** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0912, 92.2011, 89.4991**, and the grayscale version is **82.6155, 86.9179, 94.6536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3315, 47.9592, 59.6912** is the 20% darker color. If you saturate the color by 10%, you get **70.7072, 74.7570, 104.4702**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0556**.

Distribution



- Red (91%)
- Green (95%)
- Blue (100%)



- Red (91%)
- Yellow (93%)
- Blue (100%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6234, 87.2222, 106.2468 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 82.6234, 87.2222, 106.2468 by changing the saturation by 10% instead.

82.6234, 87.2222,
106.2468

82.6234, 87.2222,
106.2468

492.3335,
518.9527, 601.4571

62.1954, 65.6791,
80.8818

135.9791,
143.4738, 171.8420

45.4468, 48.0120,
59.9138

169.6376,
178.9511, 212.9094

32.0123, 33.8364,
42.9243

208.4369,
219.8419, 260.0479

21.5265, 22.7679,
29.4948

252.7424,
266.5307, 313.6761

13.6240, 14.4222,
19.2066

302.9194,
319.4017, 374.2126

7.9396, 8.4149,
11.6414

359.3334,

4.1078, 4.3616,

378.8395, 442.0759

6.3804

422.3496,
445.2284, 517.6845

■ 1.7633, 1.8778,
3.0052

■ 0.4954, 0.5350,
1.0973

■ 82.6234, 87.2222,
106.2468

■ 82.6234, 87.2222,
106.2468

■ 70.7072, 74.7570,
104.4702

94.8897, 99.9359,
108.0556

■ 60.2862, 63.5904,
102.8641

■ 51.2994, 53.6797,
101.4248

■ 43.6783, 44.9755,
100.1464

■ 37.3483, 37.4247,
99.0225

■ 32.2271, 30.9696,
98.0465

■ 28.2219, 25.5459,
97.2107

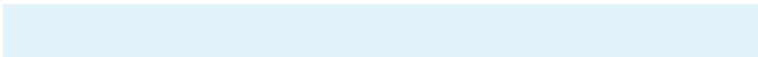
■ 25.2240, 21.0808,
96.5068

■ 23.0823, 17.4779,
95.9243

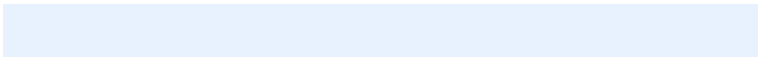
Harmonies

Analogous

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



80.7832, 87.2222, 104.2611



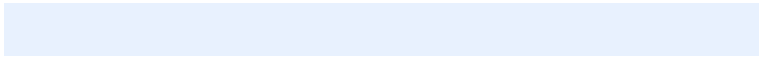
82.6234, 87.2222, 106.2468



84.5671, 87.2222, 105.1138

Triad

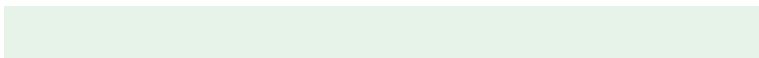
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6234, 87.2222, 106.2468



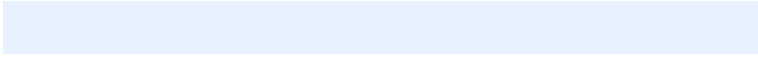
86.3722, 87.2222, 90.3116



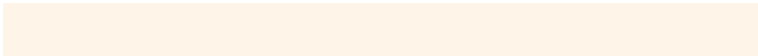
79.7979, 87.2222, 88.9799

Complementary

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



82.6234, 87.2222, 106.2468



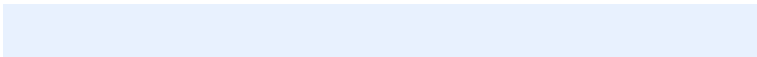
88.0912, 92.2011, 89.4991

Split Complementary

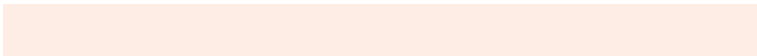
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2591, 87.2222, 85.5010



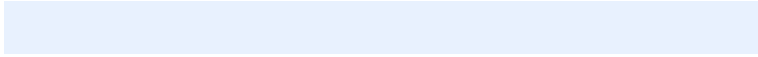
82.6234, 87.2222, 106.2468



85.0577, 87.2222, 86.2482

Square

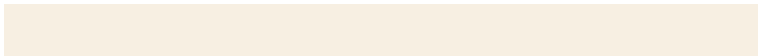
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



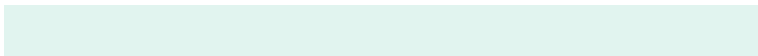
82.6234, 87.2222, 106.2468



86.7513, 87.2222, 95.7714



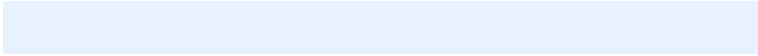
83.1814, 87.2222, 84.5210



79.1684, 87.2222, 94.1734

Rectangle

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



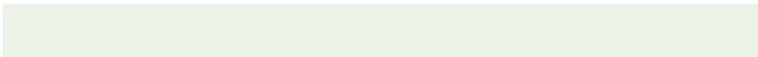
82.6234, 87.2222, 106.2468



85.6569, 87.2222, 102.7654



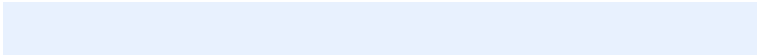
83.1814, 87.2222, 84.5210



80.2070, 87.2222, 87.5794

Sweetspot

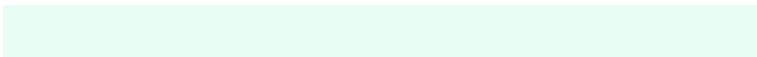
The Sweet Spot groups the original color and five complimentary colors.



82.6259, 87.2259, 106.2487



90.8665, 95.7283, 108.2960



85.1779, 94.6233, 100.0290



19.2151, 20.2499, 23.1458



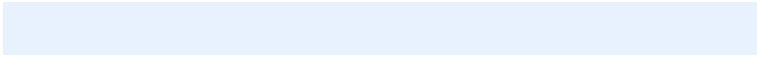
0.0000, 0.0000, 0.0000



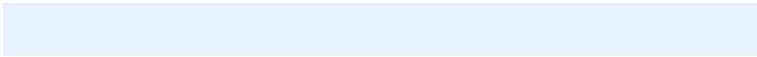
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6259, 87.2259, 106.2487



81.6642, 86.2430, 106.9501



80.6244, 82.3347, 105.4101



17.6135, 18.5985, 22.9115



12.1752, 9.2600, 50.5802



1.2897, 1.1101, 4.9596

Inverse Universe

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



85.6088, 85.1367, 95.1444



85.1166, 83.8632, 94.0894



90.2140, 97.4379, 90.3980



18.3175, 18.1103, 20.2893



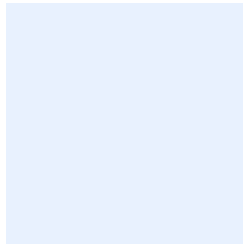
22.9337, 11.6628, 8.3012



2.2856, 1.1566, 1.0854

Previews

White Background



This preview shows how the XYZ color 82.6234, 87.2222, 106.2468 looks on a white background.

Color Contrast Check

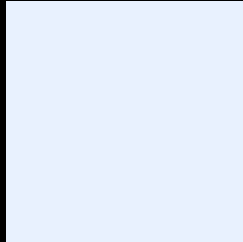
Large Text (above 18pt) WCAG AA × Fail

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 82.6234, 87.2222, 106.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

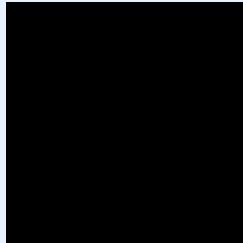
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

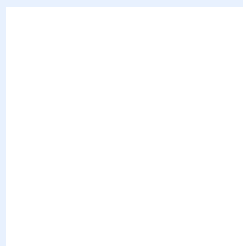
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6234, 87.2222, 106.2468

Background



This preview shows how black text looks on a background with the XYZ color 82.6234, 87.2222, 106.2468.



This preview shows how white text looks on a background with the XYZ color 82.6234, 87.2222, 106.2468.

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

82.6234, 87.2222, 106.2468

Protanopia

84.8718, 87.5256, 105.3494

Deuteranopia

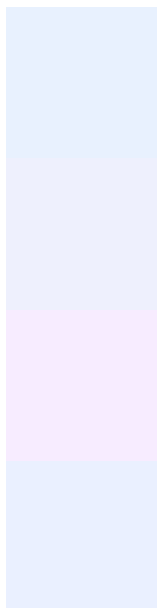
88.4289, 86.7578, 106.6930



Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

82.6234, 87.2222, 106.2468

Protanomaly

84.1496, 87.5892, 105.3997

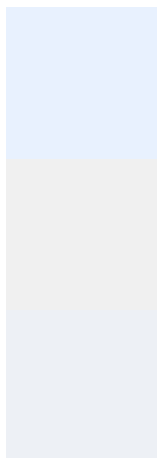
Deuteranomaly

86.4032, 86.9851, 106.8436

Tritanomaly

83.1418, 87.0326, 107.0247

Monochromacy



Original Color

82.6234, 87.2222, 106.2468

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5666, 86.9173, 98.8112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6234, 87.2222, 106.2468 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(232, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 254)  
}
```

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(232, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 254) }
```

Border

The CSS property to change the border of an element to XYZ 82.6234, 87.2222, 106.2468 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(232, 241, 254) }
```


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

```
.border{ border-color:rgb(232, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(232, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6234, 87.2222, 106.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 254) }
```

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

```
.background{ background-color: rgb(232,  
241, 254) }
```

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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