

Converting Colors

XYZ(87.5035, 91.0836,
107.5767)

Have a look what the booklet for
XYZ(87.5035, 91.0836, 107.5767)
contains.

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Color

**XYZ(87.3628, 90.9761,
107.5634)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3F4FF |
| RGB | 243, 244, 255 |
| RGB Percent | 95%, 96%, 100% |
| CMY | 0.0471, 0.0431, 0.0000 |
| CMYK | 0.05, 0.04, 0.00, 0.00 |
| HSL | 235°, 100%, 98% |
| HSV | 235°, 5%, 100% |
| XYZ | 87.3628, 90.9761, 107.5634 |
| YIQ | 244.9550, -4.1270, 3.2090 |

Conversions

Conversions Part 2

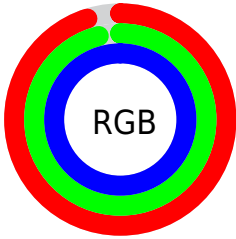
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 243, 244, 255 |
| Decimal | 15987967 |
| CIE _{Lab} | 96.40, 1.66, -5.40 |
| CIE _{LCh} | 96, 5.645, 287.118 |
| Yxy | 90.9761, 0.3056, 0.3182 |
| Android (android.graphics.Color) | 4294178047 (0xFFFF3F4FF) |
| YUV | 244.9550, 4.9522, -1.7145 |
| Hunter-Lab | 95.3814, -3.4237, -0.0955 |

Details

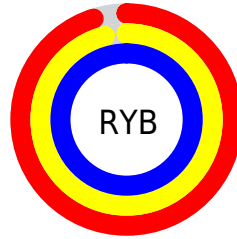
The XYZ color **87.3628, 90.9761, 107.5634** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.8584, 98.6121, 98.9352**, and the grayscale version is **86.7208, 91.2371, 99.3572**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6698, 50.6085, 60.6293** is the 20% darker color. If you saturate the color by 10%, you get **72.5761, 73.5717, 104.9833**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

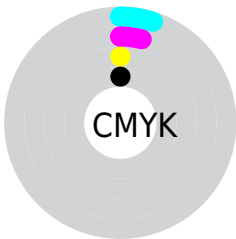
Distribution



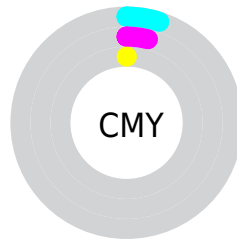
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.3628, 90.9761, 107.5634 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 87.3628, 90.9761, 107.5634 by changing the saturation by 10% instead.

87.3628, 90.9761,
107.5634

87.3628, 90.9761,
107.5634

507.7810,
531.2010, 605.6315

66.1245, 68.7905,
81.9799

142.5668,
148.6935, 173.6550

48.6416, 50.5411,
60.8133

177.2632,
184.9941, 215.0003

34.5486, 35.8435,
43.6449

217.1764,
226.7685, 262.4365

23.4802, 24.3134,
30.0563

262.6716,
274.4010, 316.3823

15.0712, 15.5663,
19.6289

314.1144,
328.2762, 377.2561

8.9560, 9.2178,
11.9442

371.8699,

4.7694, 4.8835,

388.7783, 445.4766

6.5836

436.3037,
456.2917, 521.4622

■ 2.1459, 2.1791,
3.1286

■ 0.7140, 0.7085,
1.1607

■ 87.3628, 90.9761,
107.5634

■ 87.3628, 90.9761,
107.5634

■ 72.5761, 73.5717,
104.9833

95.0500, 100.0000,
108.9000

■ 59.8172, 58.4838,
102.7435

■ 48.9996, 45.6180,
100.8303

■ 40.0279, 34.8691,
99.2285

■ 32.7986, 26.1234,
97.9214

■ 27.1979, 19.2564,
96.8911

■ 23.0985, 14.1296,
96.1176

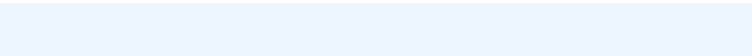
■ 20.3538, 10.5855,
95.5782

■ 18.7873, 8.4372,
95.2461

Harmonies

Analogous

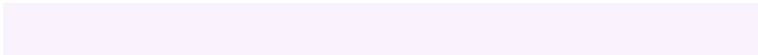
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7979, 90.9761, 107.7384



87.3628, 90.9761, 107.5634



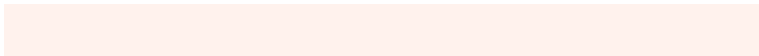
88.7039, 90.9761, 105.0660

Triad

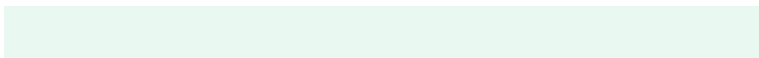
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3628, 90.9761, 107.5634



88.5434, 90.9761, 92.8486



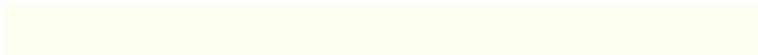
83.5567, 90.9761, 97.1399

Complementary

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



87.3628, 90.9761, 107.5634



92.8584, 98.6121, 98.9352

Split Complementary

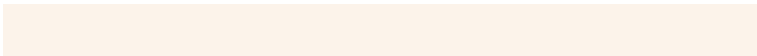
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2740, 90.9761, 93.2825



87.3628, 90.9761, 107.5634



87.1457, 90.9761, 90.8559

Square

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



87.3628, 90.9761, 107.5634



89.3912, 90.9761, 96.5313



85.5834, 90.9761, 91.0123



83.6133, 90.9761, 101.6274

Rectangle

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



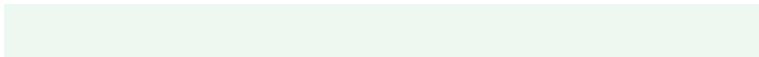
87.3628, 90.9761, 107.5634



89.2849, 90.9761, 102.4619



85.5834, 90.9761, 91.0123



83.7150, 90.9761, 95.7293

Sweetspot

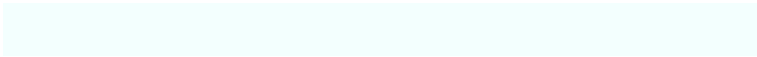
The Sweet Spot groups the original color and five complimentary colors.



87.3652, 90.9799, 107.5640



93.3772, 98.0378, 108.6094



90.5801, 97.7179, 107.6856



20.0042, 21.0048, 23.2499



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.



87.3652, 90.9799, 107.5640



85.3329, 88.5919, 107.2102



88.7420, 91.2423, 107.5421



18.0482, 18.7077, 22.9097



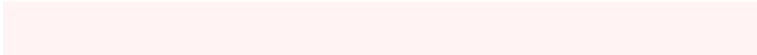
9.6169, 4.1434, 49.7275



0.9762, 0.4831, 4.8551

Inverse Universe

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



89.6211, 91.8942, 98.6064



88.1861, 89.7534, 95.8801



91.4342, 98.3522, 98.9601



18.7226, 18.9829, 20.2316



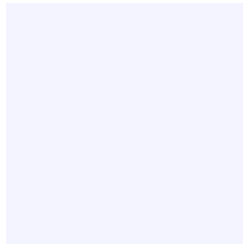
21.6424, 11.1462, 1.5012



2.1274, 1.0933, 0.2521

Previews

White Background



This preview shows how the XYZ color 87.3628, 90.9761, 107.5634 looks on a white background.

Color Contrast Check

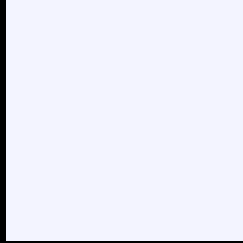
Large Text (above 18pt) WCAG AA × Fail

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 87.3628, 90.9761, 107.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

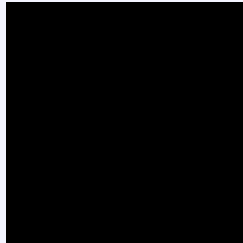
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3628, 90.9761, 107.5634

Background



This preview shows how black text looks on a background with the XYZ color 87.3628, 90.9761, 107.5634.



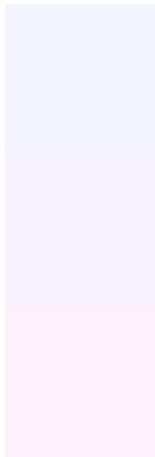
This preview shows how white text looks on a background with the XYZ color 87.3628, 90.9761,

107.5534.

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

87.3628, 90.9761, 107.5634

Protanopia

87.9460, 90.8498, 106.6664

Deuteranopia

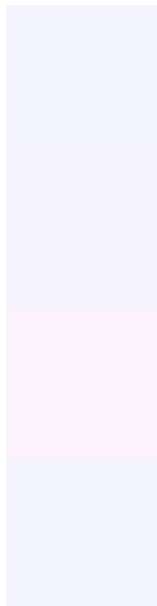
90.1079, 91.1356, 104.1085



Tritanopia

87.7089, 91.1545, 107.5796

Trichromacy



Original Color

87.3628, 90.9761, 107.5634

Protanomaly

87.5962, 90.6694, 106.6501

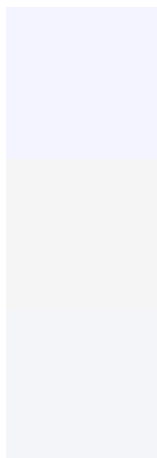
Deuteranomaly

89.1065, 91.0418, 104.9719

Tritanomaly

87.7089, 91.1545, 107.5796

Monochromacy



Original Color

87.3628, 90.9761, 107.5634

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.0595, 91.3775, 102.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3628, 90.9761, 107.5634 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(243, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 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(243, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.3628, 90.9761, 107.5634 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(243, 244, 255) }
```


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

```
.border{ border-color:rgb(243, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3628, 90.9761, 107.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 255) }
```

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

```
.background{ background-color: rgb(243,  
244, 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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