

Converting Colors

XYZ(27.9954, 28.0505, 47.6553)

Have a look what the booklet for
XYZ(27.9954, 28.0505, 47.6553)
contains.

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Color

**XYZ(27.9945, 28.0494,
47.6547)**

Conversions

Conversions Part 1

Format	Color
Hex	868FB5
RGB	134, 143, 181
RGB Percent	53%, 56%, 71%
CMY	0.4745, 0.4392, 0.2902
CMYK	0.26, 0.21, 0.00, 0.29
HSL	229°, 24%, 62%
HSV	229°, 26%, 71%
XYZ	27.9945, 28.0494, 47.6547
YIQ	144.6410, -17.5620, 9.9100

Conversions

Conversions Part 2

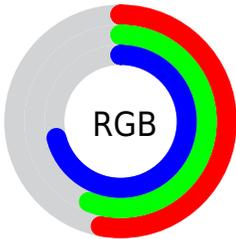
Format	Color
RYB	134, 142, 181
Decimal	8818613
CIELab	59.93, 5.37, -20.93
CIELCh	60, 21.608, 284.395
Yxy	28.0494, 0.2700, 0.2705
Android (android.graphics.Color)	4287008693 (0xFF868FB5)
YUV	144.6410, 17.9250, -9.3322
Hunter-Lab	52.9617, 1.6686, -16.2757

Details

The XYZ color **27.9945, 28.0494, 47.6547** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.1122, 41.0506, 28.4701**, and the grayscale version is **26.7036, 28.0942, 30.5946**.

A 20% lighter version of the original color is **55.9914, 56.7383, 88.1213**, and **11.3779, 11.2262, 21.9893** is the 20% darker color. If you saturate the color by 10%, you get **23.2975, 22.5773, 46.8465**, and if you desaturate by 10%, it is **33.4737, 34.3515, 48.5828**.

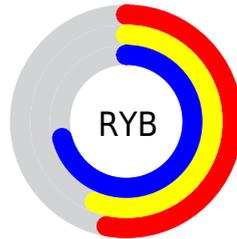
Distribution



Red (53%)

Green (56%)

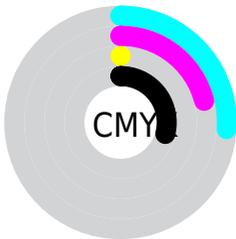
Blue (71%)



Red (53%)

Yellow (56%)

Blue (71%)

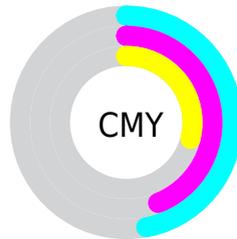


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9945, 28.0494, 47.6547 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 27.9945, 28.0494, 47.6547 by changing the saturation by 10% instead.

■ 27.9945, 28.0494,
47.6547

■ 27.9945, 28.0494,
47.6547

284.5212,
292.7029, 393.8910

■ 18.4619, 18.3629,
33.1955

■ 55.8844, 56.5633,
88.0503

■ 11.3838, 11.2108,
22.0039

■ 74.9724, 76.1595,
114.8237

■ 6.3948, 6.2088,
13.6614

■ 97.9763, 99.8277,
146.5389

■ 3.1295, 2.9725,
7.7495

125.2614,
127.9523, 183.6144

■ 1.2226, 1.1174,
3.8496

157.1931,
160.9178, 226.4689

■ 0.1241, 0.0000,
1.5432

194.1367,

■ 0.0000, 0.0000,

199.1084, 275.5208

0.2498

236.4576,
242.9087, 331.1886

■ 0.0000, 0.0000,
0.0000

■ 27.9945, 28.0494,
47.6547

■ 27.9945, 28.0494,
47.6547

■ 23.2975, 22.5773,
46.8465

■ 33.4737, 34.3515,
48.5828

■ 19.3437, 17.8968,
46.1515

■ 39.7661, 41.5131,
49.6335

■ 16.0952, 13.9716,
45.5650

■ 46.9045, 49.5663,
50.8117

■ 13.5090, 10.7609,
45.0816

■ 54.9187, 58.5407,
52.1215

■ 11.5377, 8.2202,
44.6951

■ 63.8374, 68.4643,
53.5669

■ 10.1271, 6.2994,
44.3987

■ 73.6878, 79.3641,
55.1516

■ 9.2100, 4.9393,
44.1845

■ 82.3665, 90.1680,
56.7796

■ 8.9317, 4.5184,
44.1180

■ 85.3406, 96.1162,
57.7709

Harmonies

Analogous

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



25.2648, 28.0494, 47.5437



27.9945, 28.0494, 47.6547



30.5274, 28.0494, 42.6705

Triad

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



27.9945, 28.0494, 47.6547



30.6137, 28.0494, 21.1361



21.8911, 28.0494, 26.6512

Complementary

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



27.9945, 28.0494, 47.6547



38.1122, 41.0506, 28.4701

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.



23.1340, 28.0494, 20.9600



27.9945, 28.0494, 47.6547



28.1058, 28.0494, 18.1689

Square

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



27.9945, 28.0494, 47.6547



32.1085, 28.0494, 26.9336



25.3688, 28.0494, 18.1105



21.8658, 28.0494, 34.4569

Rectangle

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



27.9945, 28.0494, 47.6547



31.7109, 28.0494, 37.5534



25.3688, 28.0494, 18.1105



22.1763, 28.0494, 24.4609

Sweetspot

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



27.9954, 28.0505, 47.6553



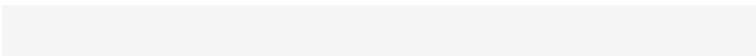
68.6497, 71.4340, 88.4645



33.7642, 41.0799, 44.9789



14.4646, 15.0157, 19.0582



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.9954, 28.0505, 47.6553



45.2987, 44.6158, 84.5188



29.0973, 26.6926, 47.3352



8.1693, 8.4849, 10.7135



6.1965, 3.1934, 30.4268



0.2339, 0.1784, 0.9703

Inverse Universe

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



32.5399, 28.8581, 29.8428



54.8439, 46.5172, 47.0591



36.7429, 42.9742, 28.9135



8.5607, 8.5310, 9.1849



13.3624, 6.8625, 1.8022



0.4401, 0.2238, 0.1602

Previews

White Background



This preview shows how the XYZ color 27.9945, 28.0494, 47.6547 looks on a white background.

Color Contrast Check

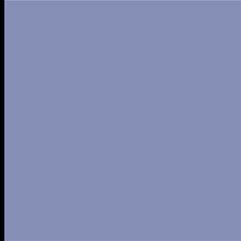
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9945, 28.0494, 47.6547 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 × Fail

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

XYZ 27.9945, 28.0494, 47.6547

Background



This preview shows how black text looks on a background with the XYZ color 27.9945, 28.0494, 47.6547.



This preview shows how white text looks on a background with the XYZ color 27.9945, 28.0494,

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

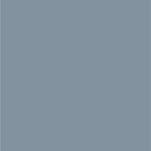
27.9945, 28.0494, 47.6547

Protanopia

28.1546, 28.1320, 47.6622

Deuteranopia

28.5128, 27.8749, 47.5937



Tritanopia

25.8976, 28.1165, 36.8630

Trichromacy



Original Color

27.9945, 28.0494, 47.6547

Protanomaly

28.1546, 28.1320, 47.6622

Deuteranomaly

28.3300, 28.0006, 47.6276

Tritanomaly

26.6140, 28.1731, 40.5945

Monochromacy



Original Color

27.9945, 28.0494, 47.6547

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1293, 28.0779, 36.3375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9945, 28.0494, 47.6547 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(134, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(134, 143, 181)  
}
```

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(134, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 143, 181) }
```

Border

The CSS property to change the border of an element to XYZ 27.9945, 28.0494, 47.6547 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(134, 143, 181) }
```

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

```
.border{ border-color:rgb(134, 143, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 143, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(134, 143,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9945, 28.0494, 47.6547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 143, 181) }
```

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

```
.background{ background-color: rgb(134,  
143, 181) }
```

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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