

Converting Colors

XYZ(27.1868, 28.1234, 49.6618)

Have a look what the booklet for
XYZ(27.1868, 28.1234, 49.6618)
contains.

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Color

**XYZ(27.1945, 28.0387,
49.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	7C91B9
RGB	124, 145, 185
RGB Percent	49%, 57%, 73%
CMY	0.5137, 0.4314, 0.2745
CMYK	0.33, 0.22, 0.00, 0.27
HSL	219°, 30%, 61%
HSV	219°, 33%, 73%
XYZ	27.1945, 28.0387, 49.8776
YIQ	143.2810, -25.3560, 7.9880

Conversions

Conversions Part 2

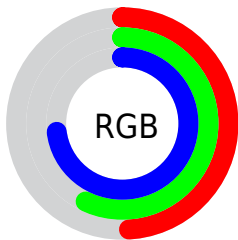
Format	Color
RYB	124, 140, 185
Decimal	8163769
CIELab	59.92, 2.21, -23.27
CIELCh	60, 23.376, 275.435
Yxy	28.0387, 0.2587, 0.2668
Android (android.graphics.Color)	4286353849 (0xFF7C91B9)
YUV	143.2810, 20.5675, -16.9094
Hunter-Lab	52.9516, -0.9925, -18.7819

Details

The XYZ color **27.1945, 28.0387, 49.8776** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.9215, 38.3206, 24.5202**, and the grayscale version is **26.1490, 27.5108, 29.9593**.

A 20% lighter version of the original color is **54.6607, 56.6627, 91.2752**, and **11.0047, 11.2668, 23.4245** is the 20% darker color. If you saturate the color by 10%, you get **23.0119, 23.2767, 49.1794**, and if you desaturate by 10%, it is **32.0784, 33.4574, 50.6666**.

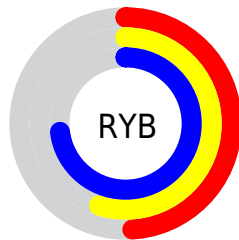
Distribution



Red (49%)

Green (57%)

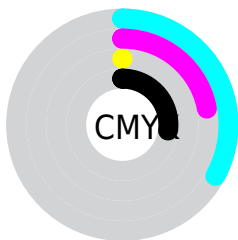
Blue (73%)



Red (49%)

Yellow (55%)

Blue (73%)

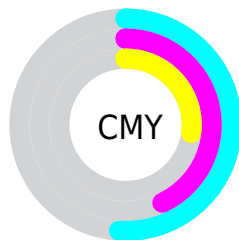


Cyan (33%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1945, 28.0387, 49.8776 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 27.1945, 28.0387, 49.8776 by changing the saturation by 10% instead.

■ 27.1945, 28.0387,
49.8776

■ 27.1945, 28.0387,
49.8776

280.7480,
292.6518, 402.9084

■ 17.8567, 18.3548,
34.9457

■ 54.6135, 56.5462,
91.3879

■ 10.9462, 11.2050,
23.3378

■ 73.4254, 76.1387,
118.8034

■ 6.0977, 6.2049,
14.6355

■ 96.1261, 99.8028,
151.2171

■ 2.9458, 2.9701,
8.4202

123.0808,
127.9229, 189.0476

■ 1.1252, 1.1161,
4.2734

154.6551,
160.8835, 232.7135

■ 0.0460, 0.0000,
1.7765

191.2141,

■ 0.0000, 0.0000,

199.0689, 282.6332

0.4124

233.1233,
242.8635, 339.2253

■ 0.0000, 0.0000,
0.0000

■ 27.1945, 28.0387,
49.8776

■ 27.1945, 28.0387,
49.8776

■ 23.0119, 23.2767,
49.1794

■ 32.0784, 33.4574,
50.6666

■ 19.4937, 19.1411,
48.5666

■ 37.6927, 39.5547,
51.5476

■ 16.6033, 15.6043,
48.0362

■ 44.0682, 46.3553,
52.5242

■ 14.2993, 12.6345,
47.5844

■ 51.2330, 53.8820,
53.5994

■ 12.5348, 10.1969,
47.2069

■ 59.2136, 62.1562,
54.7758

■ 11.2545, 8.2514,
46.8989

■ 68.0354, 71.1984,
56.0562

■ 10.5731, 7.1350,
46.7193

■ 77.7226, 81.0284,
57.4430

■ 81.7640, 88.2966,
58.6329

■ 85.4962, 95.7610,
59.8770

Harmonies

Analogous

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



24.3455, 28.0387, 47.9514



27.1945, 28.0387, 49.8776



30.1000, 28.0387, 45.8886

Triad

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



27.1945, 28.0387, 49.8776



31.5791, 28.0387, 21.9947



21.7861, 28.0387, 24.2222

Complementary

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



27.1945, 28.0387, 49.8776



36.9215, 38.3206, 24.5202

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.



23.4741, 28.0387, 19.0481



27.1945, 28.0387, 49.8776



29.0953, 28.0387, 17.9393

Square

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



27.1945, 28.0387, 49.8776



32.7491, 28.0387, 29.0064



26.1127, 28.0387, 16.9703



21.3594, 28.0387, 32.1048

Rectangle

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



27.1945, 28.0387, 49.8776



31.6348, 28.0387, 40.7806



26.1127, 28.0387, 16.9703



22.2183, 28.0387, 22.1585

Sweetspot

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



27.1954, 28.0398, 49.8783



70.5738, 74.1332, 92.7941



32.3310, 41.6513, 41.2926



14.8832, 15.6267, 19.9534



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.1954, 28.0398, 49.8783



42.8424, 43.5636, 88.3552



25.6619, 22.9176, 48.9704



8.7672, 9.2116, 11.3954



7.2612, 4.9820, 31.8320



0.3150, 0.2937, 1.1418

Inverse Universe

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



32.3268, 26.7747, 30.2535



53.6983, 41.5324, 46.6924



38.8582, 45.3663, 25.7781



9.1288, 9.0619, 10.0258



14.2788, 7.2853, 4.0889



0.5332, 0.2687, 0.3011

Previews

White Background



This preview shows how the XYZ color 27.1945, 28.0387, 49.8776 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 27.1945, 28.0387, 49.8776 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

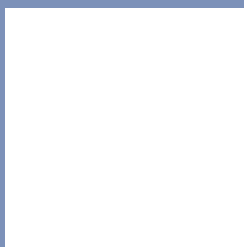
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1945, 28.0387, 49.8776

Background



This preview shows how black text looks on a background with the XYZ color 27.1945, 28.0387, 49.8776.

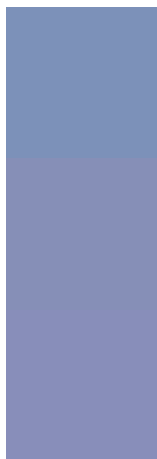


This preview shows how white text looks on a background with the XYZ color 27.1945, 28.0387,

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

27.1945, 28.0387, 49.8776

Protanopia

28.2012, 28.1322, 48.7434

Deuteranopia

28.6893, 28.1254, 50.3710



Tritanopia

24.7882, 27.9900, 37.8144

Trichromacy



Original Color

27.1945, 28.0387, 49.8776

Protanomaly

27.8309, 28.1530, 49.3146

Deuteranomaly

28.2011, 28.0956, 50.3910

Tritanomaly

25.7308, 28.1470, 42.1070

Monochromacy



Original Color

27.1945, 28.0387, 49.8776

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2982, 27.6494, 36.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1945, 28.0387, 49.8776 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(124, 145, 185)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 185)  
}
```

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(124, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.1945, 28.0387, 49.8776 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(124, 145, 185) }
```


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

```
.border{ border-color:rgb(124, 145, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 145, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1945, 28.0387, 49.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 185) }
```

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

```
.background{ background-color: rgb(124,  
145, 185) }
```

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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