

Converting Colors

XYZ(25.1168, 27.8412, 47.2905)

Have a look what the booklet for
XYZ(25.1168, 27.8412, 47.2905)
contains.

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Color

**XYZ(25.1700, 27.9783,
47.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	6C95B4
RGB	108, 149, 180
RGB Percent	42%, 58%, 71%
CMY	0.5765, 0.4157, 0.2941
CMYK	0.40, 0.17, 0.00, 0.29
HSL	206°, 32%, 56%
HSV	206°, 40%, 71%
XYZ	25.1700, 27.9783, 47.2538
YIQ	140.2750, -34.3870, 0.9490

Conversions

Conversions Part 2

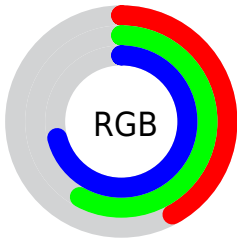
Format	Color
R _Y B	108, 134, 180
Decimal	7116212
CIE Lab	59.87, -5.94, -20.61
CIE LCh	60, 21.451, 253.929
Yxy	27.9783, 0.2507, 0.2787
Android (android.graphics.Color)	4285306292 (0xFF6C95B4)
YUV	140.2750, 19.5844, -28.3052
Hunter-Lab	52.8945, -7.6257, -15.9411

Details

The XYZ color **25.1700, 27.9783, 47.2538** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.7624, 29.2519, 18.2131**, and the grayscale version is **24.9707, 26.2711, 28.6092**.

A 20% lighter version of the original color is **51.3965, 56.4494, 87.5438**, and **9.8293, 11.1084, 21.7048** is the 20% darker color. If you saturate the color by 10%, you get **22.0172, 24.5935, 46.7671**, and if you desaturate by 10%, it is **28.8581, 31.7615, 47.7901**.

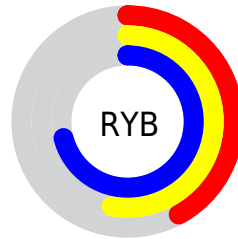
Distribution



Red (42%)

Green (58%)

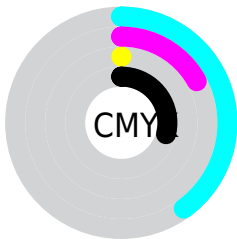
Blue (71%)



Red (42%)

Yellow (53%)

Blue (71%)

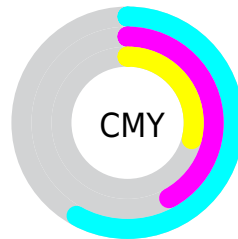


Cyan (40%)

Magenta (17%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1700, 27.9783, 47.2538 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 25.1700, 27.9783, 47.2538 by changing the saturation by 10% instead.

■ 25.1700, 27.9783,
47.2538

■ 25.1700, 27.9783,
47.2538

271.0155,
292.3632, 392.2497

■ 16.3332, 18.3093,
32.8806

■ 51.3738, 56.4498,
87.4463

■ 9.8526, 11.1723,
21.7646

■ 69.4714, 76.0211,
114.1026

■ 5.3628, 6.1828,
13.4874

■ 91.3868, 99.6619,
145.6904

■ 2.4986, 2.9566,
7.6303

■ 117.4851,
127.7567, 182.6281

■ 0.8946, 1.1091,
3.7750

148.1318,
160.6898, 225.3344

■ 0.0000, 0.0000,
1.5027

183.6922,

■ 0.0000, 0.0000,

198.8457, 274.2277

0.2200

224.5316,
242.6087, 329.7267

■ 0.0000, 0.0000,
0.0000

■ 25.1700, 27.9783,
47.2538

■ 25.1700, 27.9783,
47.2538

■ 22.0172, 24.5935,
46.7671

■ 28.8581, 31.7615,
47.7901

■ 19.3676, 21.5862,
46.3263

■ 33.1060, 35.9560,
48.3759

■ 17.1891, 18.9383,
45.9300

■ 37.9399, 40.5782,
49.0133

■ 15.4448, 16.6280,
45.5761

■ 43.3832, 45.6424,
49.7039

■ 14.0911, 14.6305,
45.2618

■ 49.4583, 51.1622,
50.4491

■ 13.0393, 12.8973,
44.9827

■ 56.1861, 57.1503,
51.2503

■ 13.0392, 12.8971,
44.9827

■ 63.5867, 63.6193,
52.1089

■ 71.6793, 70.5809,
53.0261

■ 74.7451, 75.0888,
53.7346

Harmonies

Analogous

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



22.9989, 27.9783, 42.0891



25.1700, 27.9783, 47.2538



27.8722, 27.9783, 47.4484

Triad

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



25.1700, 27.9783, 47.2538



32.0020, 27.9783, 26.9964



23.1247, 27.9783, 20.8944

Complementary

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



25.1700, 27.9783, 47.2538



30.7624, 29.2519, 18.2131

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.



25.3526, 27.9783, 18.1096



25.1700, 27.9783, 47.2538



30.5423, 27.9783, 21.2041

Square

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



25.1700, 27.9783, 47.2538



31.9448, 27.9783, 34.8037



28.0677, 27.9783, 18.2123



21.8742, 27.9783, 26.5002

Rectangle

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



25.1700, 27.9783, 47.2538



29.6217, 27.9783, 44.6678



28.0677, 27.9783, 18.2123



23.7772, 27.9783, 19.6435

Sweetspot

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



25.1709, 27.9794, 47.2545



66.7646, 71.6586, 88.6072



27.0938, 37.6663, 29.8879



14.1825, 15.2526, 19.1188



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.



25.1709, 27.9794, 47.2545



40.5461, 45.2792, 84.8974



20.4407, 18.5190, 45.6777



8.4301, 9.0065, 10.8004



9.1682, 9.1368, 31.4173



0.3450, 0.4006, 1.0074

Inverse Universe

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



29.6105, 22.5992, 31.2363



49.9629, 35.0614, 50.6538



36.6658, 41.0588, 20.1809



8.6923, 8.5836, 9.8781



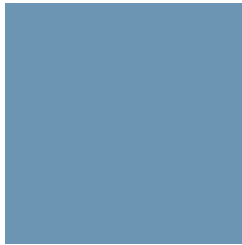
14.8623, 7.4625, 9.7010



0.4962, 0.2462, 0.4556

Previews

White Background



This preview shows how the XYZ color 25.1700, 27.9783, 47.2538 looks on a white background.

Color Contrast Check

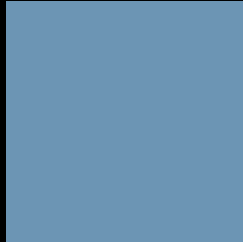
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1700, 27.9783, 47.2538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

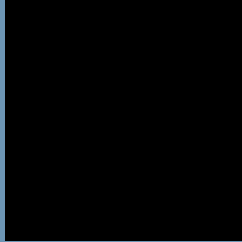
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

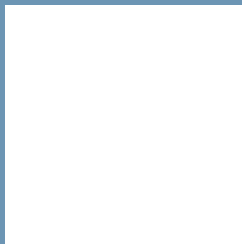
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1700, 27.9783, 47.2538

Background



This preview shows how black text looks on a background with the XYZ color 25.1700, 27.9783, 47.2538.

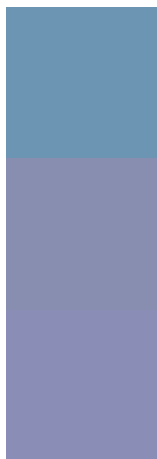


This preview shows how white text looks on a background with the XYZ color 25.1700, 27.9783,

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

25.1700, 27.9783, 47.2538

Protanopia

27.5642, 27.6754, 44.4465

Deuteranopia

28.4496, 27.8304, 48.1283



Tritanopia

23.6380, 28.0799, 39.2961

Trichromacy



Original Color

25.1700, 27.9783, 47.2538

Protanomaly

26.6654, 27.8607, 45.5672

Deuteranomaly

27.0661, 27.7947, 47.6544

Tritanomaly

24.1480, 28.0388, 42.1695

Monochromacy



Original Color

25.1700, 27.9783, 47.2538

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6409, 26.6007, 34.8461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1700, 27.9783, 47.2538 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(108, 149, 180)` looks like.

```
.text, #text, p{  
    color:rgb(108, 149, 180)  
}
```

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(108, 149, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 149, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.1700, 27.9783, 47.2538 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(108, 149, 180) }
```


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

```
.border{ border-color:rgb(108, 149, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 149, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 149, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 149, 180);  
box-shadow:4px 4px 4px 4px rgb(108, 149,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1700, 27.9783, 47.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 149, 180) }
```

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

```
.background{ background-color: rgb(108,  
149, 180) }
```

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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