

Converting Colors

XYZ(25.1300, 27.1995, 46.8502)

Have a look what the booklet for
XYZ(25.1300, 27.1995, 46.8502)
contains.

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Color

**XYZ(25.1992, 27.2978,
47.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	7092B4
RGB	112, 146, 180
RGB Percent	44%, 57%, 71%
CMY	0.5608, 0.4274, 0.2941
CMYK	0.38, 0.19, 0.00, 0.29
HSL	210°, 31%, 57%
HSV	210°, 38%, 71%
XYZ	25.1992, 27.2978, 47.1209
YIQ	139.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

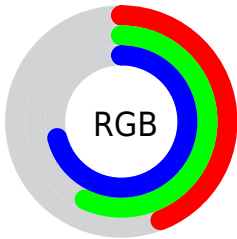
Format	Color
R_{YB}	112, 135, 180
Decimal	7377588
CIE _{Lab}	59.25, -3.14, -21.54
CIE _{LCh}	59, 21.768, 261.703
Yxy	27.2978, 0.2530, 0.2740
Android (android.graphics.Color)	4285567668 (0xFF7092B4)
YUV	139.7100, 19.8630, -24.3017
Hunter-Lab	52.2473, -5.3411, -16.8995

Details

The XYZ color **25.1992, 27.2978, 47.1209** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.0265, 31.4315, 19.7090**, and the grayscale version is **24.7496, 26.0385, 28.3560**.

A 20% lighter version of the original color is **51.5205, 55.4717, 87.3486**, and **9.8771, 10.8587, 21.6540** is the 20% darker color. If you saturate the color by 10%, you get **21.8008, 23.5673, 46.5804**, and if you desaturate by 10%, it is **29.1665, 31.4849, 47.7205**.

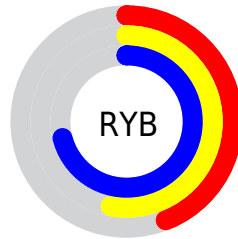
Distribution



Red (44%)

Green (57%)

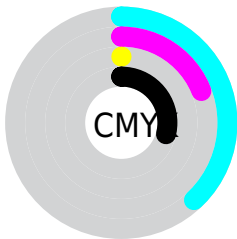
Blue (71%)



Red (44%)

Yellow (53%)

Blue (71%)

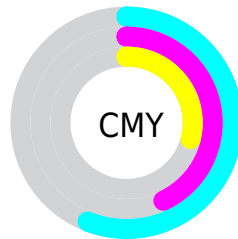


Cyan (38%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1992, 27.2978, 47.1209 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 25.1992, 27.2978, 47.1209 by changing the saturation by 10% instead.

■ 25.1992, 27.2978,
47.1209

■ 25.1992, 27.2978,
47.1209

271.1579,
289.0961, 391.7046

■ 16.3550, 17.7970,
32.7762

■ 51.4208, 55.3614,
87.2459

■ 9.8682, 10.8043,
21.6854

■ 69.5289, 74.6929,
113.8634

■ 5.3732, 5.9354,
13.4298

■ 91.4557, 98.0702,
145.4088

■ 2.5049, 2.8059,
7.5910

■ 117.5666,
125.8776, 182.3007

■ 0.8977, 1.0312,
3.7504

148.2269,
158.4995, 224.9577

■ 0.0000, 0.0000,
1.4894

183.8020,

■ 0.0000, 0.0000,

196.3203, 273.7984

0.2100

224.6572,
239.7244, 329.2412

■ 0.0000, 0.0000,
0.0000

■ 25.1992, 27.2978,
47.1209

■ 25.1992, 27.2978,
47.1209

■ 21.8008, 23.5673,
46.5804

■ 29.1665, 31.4849,
47.7205

■ 18.9386, 20.2710,
46.0951

■ 33.7275, 36.1433,
48.3792

■ 16.5806, 17.3893,
45.6631

■ 38.9089, 41.2907,
49.0997

■ 14.6898, 14.8990,
45.2821

■ 44.7347, 46.9429,
49.8836

■ 13.2232, 12.7739,
44.9492

■ 51.2276, 53.1148,
50.7327

■ 12.1159, 10.9760,
44.6605

■ 58.4093, 59.8209,
51.6486

■ 11.8947, 10.6080,
44.6012

■ 66.3003, 67.0749,
52.6329

■ 74.5501, 74.6990,
53.6696

■ 76.9478, 79.4943,
54.4689

Harmonies

Analogous

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



22.8411, 27.2978, 43.0781



25.1992, 27.2978, 47.1209



27.9259, 27.2978, 45.9025

Triad

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



25.1992, 27.2978, 47.1209



31.1083, 27.2978, 24.5263



22.0581, 27.2978, 21.3816

Complementary

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



25.1992, 27.2978, 47.1209



32.0265, 31.4315, 19.7090

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.



24.0615, 27.2978, 17.8766



25.1992, 27.2978, 47.1209



29.3197, 27.2978, 19.4594

Square

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



25.1992, 27.2978, 47.1209



31.4659, 27.2978, 31.9342



26.7069, 27.2978, 17.2403



21.1122, 27.2978, 27.6156

Rectangle

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



25.1992, 27.2978, 47.1209



29.5785, 27.2978, 42.3501



26.7069, 27.2978, 17.2403



22.6233, 27.2978, 19.8936

Sweetspot

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



25.2001, 27.2989, 47.1215



67.2148, 71.5822, 88.5688



28.1046, 38.1281, 32.6132



14.2548, 15.2012, 19.1051



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.



25.2001, 27.2989, 47.1215



40.6858, 44.0251, 84.6479



20.8411, 18.5810, 45.6686



8.3813, 8.9087, 10.7841



8.3689, 7.5382, 31.1509



0.3217, 0.3539, 0.9996

Inverse Universe

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



29.8056, 23.3678, 30.1347



50.4077, 36.6724, 48.5781



37.8410, 43.0605, 21.6472



8.6676, 8.5738, 9.7482



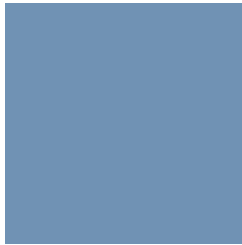
14.4589, 7.3011, 7.5764



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 25.1992, 27.2978, 47.1209 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 25.1992, 27.2978, 47.1209 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

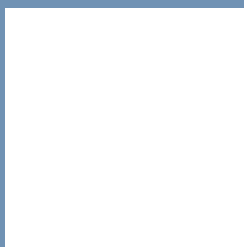
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1992, 27.2978, 47.1209

Background



This preview shows how black text looks on a background with the XYZ color 25.1992, 27.2978, 47.1209.

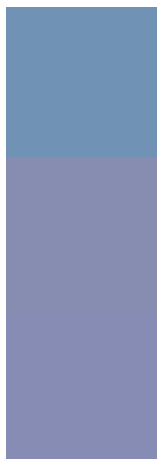


This preview shows how white text looks on a background with the XYZ color 25.1992, 27.2978,

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

25.1992, 27.2978, 47.1209

Protanopia

27.1929, 27.2527, 44.9014

Deuteranopia

27.7102, 27.2433, 47.5140



Tritanopia

23.2439, 27.1939, 37.7421

Trichromacy



Original Color

25.1992, 27.2978, 47.1209

Protanomaly

26.3625, 27.2549, 45.4662

Deuteranomaly

26.7659, 27.1942, 47.5544

Tritanomaly

23.9645, 27.2582, 41.0441

Monochromacy



Original Color

25.1992, 27.2978, 47.1209

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7953, 26.4584, 34.8105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1992, 27.2978, 47.1209 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(112, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(112, 146, 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(112, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 146, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.1992, 27.2978, 47.1209 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(112, 146, 180) }
```


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

```
.border{ border-color:rgb(112, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(112, 146,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1992, 27.2978, 47.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 146, 180) }
```

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

```
.background{ background-color: rgb(112,  
146, 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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