

Converting Colors

XYZ(26.2157, 27.1792, 45.4594)

Have a look what the booklet for
XYZ(26.2157, 27.1792, 45.4594)
contains.

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Color

**XYZ(26.2157, 27.1792,
45.4594)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8FB1
RGB	125, 143, 177
RGB Percent	49%, 56%, 69%
CMY	0.5098, 0.4392, 0.3059
CMYK	0.29, 0.19, 0.00, 0.31
HSL	219°, 25%, 59%
HSV	219°, 29%, 69%
XYZ	26.2157, 27.1792, 45.4594
YIQ	141.4940, -21.6420, 6.7580

Conversions

Conversions Part 2

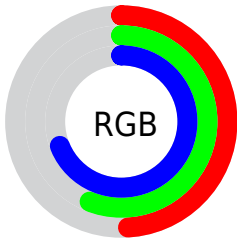
Format	Color
R_{YB}	125, 138, 177
Decimal	8228785
CIE Lab	59.14, 1.59, -19.93
CIE LCh	59, 19.993, 274.566
Yxy	27.1792, 0.2652, 0.2749
Android (android.graphics.Color)	4286418865 (0xFF7D8FB1)
YUV	141.4940, 17.5045, -14.4652
Hunter-Lab	52.1337, -1.4742, -15.2060

Details

The XYZ color **26.2157, 27.1792, 45.4594** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **34.2317, 35.6244, 24.4748**, and the grayscale version is **25.4515, 26.7770, 29.1601**.

A 20% lighter version of the original color is **53.2646, 55.3994, 84.9766**, and **10.3765, 10.7398, 20.5949** is the 20% darker color. If you saturate the color by 10%, you get **22.2099, 22.6673, 44.8001**, and if you desaturate by 10%, it is **30.8630, 32.2891, 46.2012**.

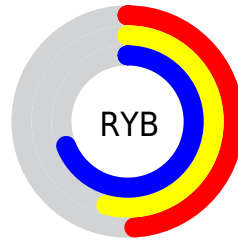
Distribution



Red (49%)

Green (56%)

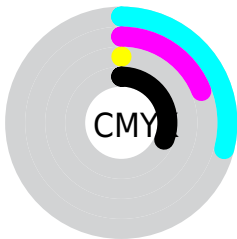
Blue (69%)



Red (49%)

Yellow (54%)

Blue (69%)

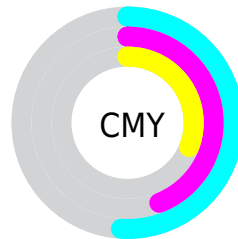


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2157, 27.1792, 45.4594 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 26.2157, 27.1792, 45.4594 by changing the saturation by 10% instead.

■ 26.2157, 27.1792,
45.4594

■ 26.2157, 27.1792,
45.4594

276.0767,
288.5237, 384.8452

■ 17.1186, 17.7079,
31.4739

■ 53.0515, 55.1713,
84.7351

■ 10.4149, 10.7404,
20.6985

■ 71.5210, 74.4608,
110.8623

■ 5.7393, 5.8926,
12.7147

■ 93.8453, 97.7919,
141.8739

■ 2.7263, 2.7799,
7.1040

120.3898,
125.5488, 178.1883

■ 1.0108, 1.0179,
3.4478

151.5198,
158.1161, 220.2241

■ 0.0000, 0.0000,
1.3276

187.6007,

■ 0.0000, 0.0000,

195.8781, 268.3998

0.0842

228.9979,
239.2192, 323.1340

■ 0.0000, 0.0000,
0.0000

■ 26.2157, 27.1792,
45.4594

■ 26.2157, 27.1792,
45.4594

■ 22.2099, 22.6673,
44.8001

■ 30.8630, 32.2891,
46.2012

■ 18.8131, 18.7267,
44.2185

■ 36.1769, 38.0159,
47.0265

■ 15.9937, 15.3335,
43.7122

■ 42.1845, 44.3814,
47.9386

■ 13.7162, 12.4604,
43.2777

■ 48.9105, 51.4055,
48.9399

■ 11.9405, 10.0774,
42.9113

■ 56.3781, 59.1070,
50.0328

■ 10.6205, 8.1506,
42.6089

■ 64.6099, 67.5041,
51.2198

■ 9.6720, 6.6260,
42.3646

■ 73.6272, 76.6142,
52.5029

■ 9.6193, 6.5411,
42.3510

■ 79.0521, 84.1867,
53.6786

■ 82.4850, 91.0525,
54.8229

Harmonies

Analogous

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



23.8324, 27.1792, 43.7708



26.2157, 27.1792, 45.4594



28.6433, 27.1792, 42.3702

Triad

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



26.2157, 27.1792, 45.4594



29.9761, 27.1792, 22.4811



21.7491, 27.1792, 24.0908

Complementary

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



26.2157, 27.1792, 45.4594



34.2317, 35.6244, 24.4748

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.



23.2128, 27.1792, 19.6843



26.2157, 27.1792, 45.4594



27.9425, 27.1792, 18.8649

Square

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



26.2157, 27.1792, 45.4594



30.9012, 27.1792, 28.5163



25.4541, 27.1792, 17.9295



21.3517, 27.1792, 30.6976

Rectangle

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



26.2157, 27.1792, 45.4594



29.9302, 27.1792, 38.2686



25.4541, 27.1792, 17.9295



22.1279, 27.1792, 22.3398

Sweetspot

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



26.2166, 27.1803, 45.4600



65.0181, 68.3271, 84.2569



30.4209, 38.3011, 38.5001



13.7795, 14.4751, 18.2121



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.2166, 27.1803, 45.4600



42.3576, 43.5281, 80.6646



24.9115, 22.8126, 44.6858



8.2745, 8.6953, 10.7486



7.0213, 4.8429, 30.7017



0.2767, 0.2640, 0.9846

Inverse Universe

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



30.4237, 25.9983, 29.4024



51.1820, 41.4643, 46.8911



35.8295, 41.3827, 25.5020



8.6138, 8.5522, 9.4645



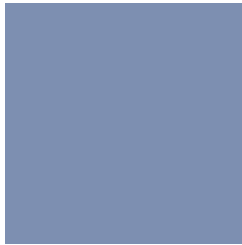
13.7787, 7.0290, 3.9944



0.4617, 0.2324, 0.2740

Previews

White Background



This preview shows how the XYZ color 26.2157, 27.1792, 45.4594 looks on a white background.

Color Contrast Check

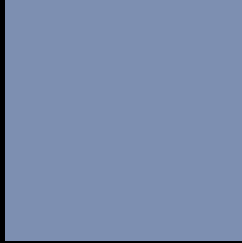
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2157, 27.1792, 45.4594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

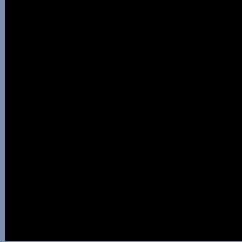
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2157, 27.1792, 45.4594

Background



This preview shows how black text looks on a background with the XYZ color 26.2157, 27.1792, 45.4594.

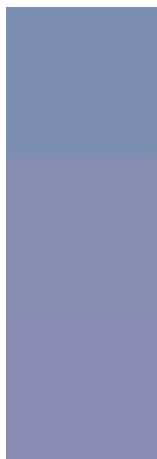


This preview shows how white text looks on a background with the XYZ color 26.2157, 27.1792,

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

26.2157, 27.1792, 45.4594

Protanopia

27.0943, 27.2132, 44.3821

Deuteranopia

27.7497, 27.0829, 45.8844



Tritanopia

24.3356, 27.0913, 36.2943

Trichromacy



Original Color

26.2157, 27.1792, 45.4594

Protanomaly

26.8695, 27.3059, 44.9287

Deuteranomaly

27.0868, 26.9571, 45.8951

Tritanomaly

24.9430, 27.1050, 39.5145

Monochromacy



Original Color

26.2157, 27.1792, 45.4594

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4974, 26.8300, 34.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2157, 27.1792, 45.4594 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(125, 143, 177)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 177)  
}
```

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(125, 143, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.2157, 27.1792, 45.4594 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(125, 143, 177) }
```


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

```
.border{ border-color:rgb(125, 143, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 177);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2157, 27.1792, 45.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 177) }
```

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

```
.background{ background-color: rgb(125,  
143, 177) }
```

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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