

Converting Colors

XYZ(27.2000, 26.6136, 60.8301)

Have a look what the booklet for
XYZ(27.2000, 26.6136, 60.8301)
contains.

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Color

**XYZ(27.2166, 26.6932,
60.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	728CCC
RGB	114, 140, 204
RGB Percent	45%, 55%, 80%
CMY	0.5529, 0.4510, 0.2000
CMYK	0.44, 0.31, 0.00, 0.20
HSL	223°, 47%, 62%
HSV	223°, 44%, 80%
XYZ	27.2166, 26.6932, 60.8446
YIQ	139.5220, -36.0400, 14.3920

Conversions

Conversions Part 2

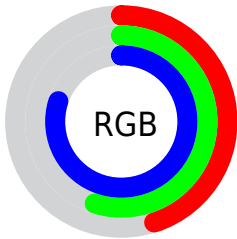
Format	Color
RYB	114, 134, 204
Decimal	7507148
CIELab	58.69, 7.62, -35.96
CIELCh	59, 36.759, 281.970
Yxy	26.6932, 0.2372, 0.2326
Android (android.graphics.Color)	4285697228 (0xFF728CCC)
YUV	139.5220, 31.7877, -22.3828
Hunter-Lab	51.6655, 3.6166, -33.6579

Details

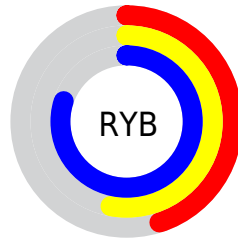
The XYZ color **27.2166, 26.6932, 60.8446** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.8605, 45.8943, 22.4676**, and the grayscale version is **24.6338, 25.9166, 28.2232**.

A 20% lighter version of the original color is **53.4821, 53.7949, 102.1724**, and **10.8846, 10.4121, 29.8698** is the 20% darker color. If you saturate the color by 10%, you get **22.8712, 21.5114, 60.0739**, and if you desaturate by 10%, it is **32.4351, 32.7409, 61.7374**.

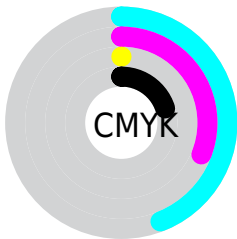
Distribution



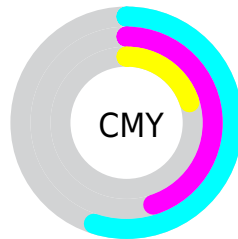
- Red (45%)
- Green (55%)
- Blue (80%)



- Red (45%)
- Yellow (53%)
- Blue (80%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2166, 26.6932, 60.8446 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 27.2166, 26.6932, 60.8446 by changing the saturation by 10% instead.

■ 27.2166, 26.6932,
60.8446

■ 27.2166, 26.6932,
60.8446

280.8528,
286.1686, 445.5948

■ 17.8734, 17.3429,
43.6700

■ 54.6487, 54.3912,
107.6092

■ 10.9583, 10.4793,
30.0759

■ 73.4683, 73.5076,
138.0364

■ 6.1059, 5.7179,
19.6437

■ 96.1774, 96.6483,
173.7181

■ 2.9508, 2.6743,
11.9548

123.1413,
124.1976, 215.0730

■ 1.1278, 0.9642,
6.5907

154.7255,
156.5399, 262.5196

■ 0.0482, 0.0000,
3.1330

191.2952,

■ 0.0000, 0.0000,

194.0595, 316.4764

1.1629

233.2159,
237.1410, 377.3619

■ 0.0000, 0.0000,
0.0000

■ 27.2166, 26.6932,
60.8446

■ 27.2166, 26.6932,
60.8446

■ 22.8712, 21.5114,
60.0739

■ 32.4351, 32.7409,
61.7374

■ 19.3455, 17.1505,
59.4180

■ 38.5702, 39.6908,
62.7555

■ 16.5840, 13.5651,
58.8715

■ 45.6658, 47.5804,
63.9044

■ 14.5228, 10.7040,
58.4279

■ 53.7623, 56.4443,
65.1885

■ 13.0859, 8.5080,
58.0798

■ 62.8973, 66.3151,
66.6123

■ 12.4596, 7.4806,
57.9145

■ 73.1068, 77.2240,
68.1798

■ 83.7577, 88.8568,
69.8638

■ 87.8992, 97.1397,
71.2443

Harmonies

Analogous

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



22.7752, 26.6932, 59.7370



27.2166, 26.6932, 60.8446



31.6380, 26.6932, 51.7746

Triad

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



27.2166, 26.6932, 60.8446



32.3966, 26.6932, 15.3948



17.9719, 26.6932, 22.0214

Complementary

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



27.2166, 26.6932, 60.8446



43.8605, 45.8943, 22.4676

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.



19.9917, 26.6932, 14.2088



27.2166, 26.6932, 60.8446



28.1571, 26.6932, 11.2400

Square

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



27.2166, 26.6932, 60.8446



34.8578, 26.6932, 24.2017



23.6109, 26.6932, 10.8824



17.7836, 26.6932, 34.5382

Rectangle

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



27.2166, 26.6932, 60.8446



33.8415, 26.6932, 42.3997



23.6109, 26.6932, 10.8824



18.4470, 26.6932, 18.8669

Sweetspot

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



27.2176, 26.6942, 60.8452



76.8237, 80.1167, 106.0228



36.4690, 49.9382, 49.3128



15.8432, 16.4861, 22.5971



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.2176, 26.6942, 60.8452



38.1545, 35.9615, 99.5380



26.4332, 21.3010, 59.8456



10.8614, 11.3632, 14.1912



7.9121, 4.8483, 36.4751



0.4741, 0.3820, 1.9037

Inverse Universe

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



35.6536, 26.7665, 28.0991



54.1871, 37.1563, 37.0677



44.8806, 54.8404, 24.1406



11.3434, 11.2661, 12.3429



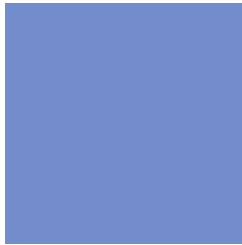
16.2046, 8.2924, 3.5301



0.8693, 0.4411, 0.3574

Previews

White Background



This preview shows how the XYZ color 27.2166, 26.6932, 60.8446 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 27.2166, 26.6932, 60.8446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

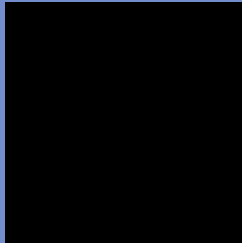
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2166, 26.6932, 60.8446

Background



This preview shows how black text looks on a background with the XYZ color 27.2166, 26.6932, 60.8446.

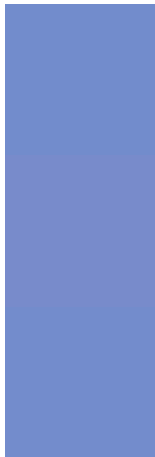


This preview shows how white text looks on a background with the XYZ color 27.2166, 26.6932,

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

27.2166, 26.6932, 60.8446

Protanopia

27.7578, 26.7701, 60.2041

Deuteranopia

27.3474, 26.7606, 60.8507



Tritanopia

22.4146, 26.5427, 37.1996

Trichromacy



Original Color

27.2166, 26.6932, 60.8446

Protanomaly

27.4833, 26.6286, 60.1912

Deuteranomaly

27.3474, 26.7606, 60.8507

Tritanomaly

23.9057, 26.4496, 44.9196

Monochromacy



Original Color

27.2166, 26.6932, 60.8446

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3490, 26.2258, 38.3764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2166, 26.6932, 60.8446 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(114, 140, 204)` looks like.

```
.text, #text, p{  
    color:rgb(114, 140, 204)  
}
```

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(114, 140, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 140, 204) }
```

Border

The CSS property to change the border of an element to XYZ 27.2166, 26.6932, 60.8446 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(114, 140, 204) }
```


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

```
.border{ border-color:rgb(114, 140, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 140, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 140, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 140, 204);  
box-shadow:4px 4px 4px 4px rgb(114, 140,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2166, 26.6932, 60.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 140, 204) }
```

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

```
.background{ background-color: rgb(114,  
140, 204) }
```

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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