

Converting Colors

XYZ(27.3518, 26.9398, 63.6439)

Have a look what the booklet for
XYZ(27.3518, 26.9398, 63.6439)
contains.

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Color

**XYZ(27.3405, 26.9188,
63.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8DD0
RGB	110, 141, 208
RGB Percent	43%, 55%, 82%
CMY	0.5686, 0.4471, 0.1843
CMYK	0.47, 0.32, 0.00, 0.18
HSL	221°, 51%, 62%
HSV	221°, 47%, 82%
XYZ	27.3405, 26.9188, 63.4294
YIQ	139.3690, -39.9830, 14.2650

Conversions

Conversions Part 2

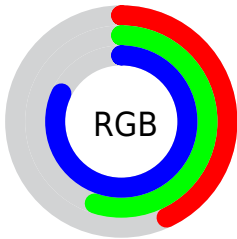
Format	Color
RYB	110, 134, 208
Decimal	7245264
CIELab	58.90, 7.22, -37.90
CIELCh	59, 38.580, 280.785
Yxy	26.9188, 0.2323, 0.2287
Android (android.graphics.Color)	4285435344 (0xFF6E8DD0)
YUV	139.3690, 33.8351, -25.7566
Hunter-Lab	51.8833, 3.2667, -36.1660

Details

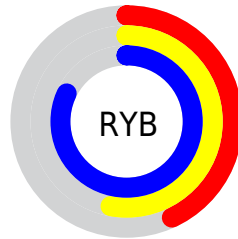
The XYZ color **27.3405, 26.9188, 63.4294** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **44.5503, 45.9817, 21.2806**, and the grayscale version is **24.5683, 25.8478, 28.1482**.

A 20% lighter version of the original color is **53.0677, 53.9106, 102.2166**, and **11.0122, 10.5663, 31.5961** is the 20% darker color. If you saturate the color by 10%, you get **23.0859, 21.8104, 62.6681**, and if you desaturate by 10%, it is **32.4736, 32.8808, 64.3102**.

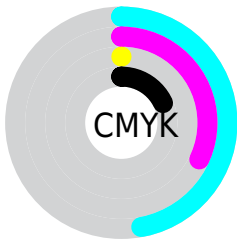
Distribution



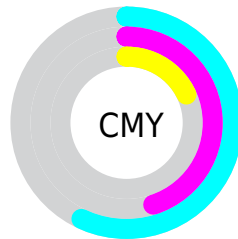
- Red (43%)
- Green (55%)
- Blue (82%)



- Red (43%)
- Yellow (53%)
- Blue (82%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3405, 26.9188, 63.4294 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 27.3405, 26.9188, 63.4294 by changing the saturation by 10% instead.

■ 27.3405, 26.9188,
63.4294

■ 27.3405, 26.9188,
63.4294

281.4396,
287.2638, 455.2770

■ 17.9670, 17.5122,
45.7454

■ 54.8458, 54.7535,
111.3803

■ 11.0259, 10.6004,
31.6978

■ 73.7084, 73.9505,
142.4844

■ 6.1517, 5.7988,
20.8679

■ 96.4647, 97.1798,
178.8989

■ 2.9790, 2.7231,
12.8371

123.4800,
124.8257, 221.0423

■ 1.1427, 0.9890,
7.1871

155.1199,
157.2726, 269.3334

■ 0.0604, 0.0000,
3.4992

191.7495,

■ 0.0000, 0.0000,

194.9050, 324.1904

1.3548

233.7343,
238.1073, 386.0321

■ 0.0000, 0.0000,
0.1061

■ 0.0000, 0.0000,
0.0000

■ 27.3405, 26.9188,
63.4294

■ 27.3405, 26.9188,
63.4294

■ 23.0859, 21.8104,
62.6681

■ 32.4736, 32.8808,
64.3102

■ 19.6537, 17.5101,
62.0190

■ 38.5310, 39.7328,
65.3135

■ 16.9852, 13.9720,
61.4767

■ 45.5585, 47.5124,
66.4447

■ 15.0117, 11.1436,
61.0348

■ 53.5978, 56.2543,
67.7083

■ 13.6442, 8.9604,
60.6855

■ 62.6884, 65.9911,
69.1086

■ 13.3214, 8.4264,
60.5994

■ 72.8674, 76.7539,
70.6495

■ 83.9469, 88.4573,
72.3246

■ 88.3115, 97.1865,
73.7794

■ 88.3853, 97.3341,
73.8040

Harmonies

Analogous

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



22.6838, 26.9188, 61.7717



27.3405, 26.9188, 63.4294



32.0570, 26.9188, 54.0389

Triad

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



27.3405, 26.9188, 63.4294



33.1780, 26.9188, 15.2813



17.8647, 26.9188, 21.4865

Complementary

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



27.3405, 26.9188, 63.4294



44.5503, 45.9817, 21.2806

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.



20.0494, 26.9188, 13.5797



27.3405, 26.9188, 63.4294



28.7247, 26.9188, 10.8441

Square

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



27.3405, 26.9188, 63.4294



35.6951, 26.9188, 24.6642



23.9073, 26.9188, 10.3371



17.5914, 26.9188, 34.5053

Rectangle

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



27.3405, 26.9188, 63.4294



34.4552, 26.9188, 44.0925



23.9073, 26.9188, 10.3371



18.3858, 26.9188, 18.2669

Sweetspot

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



27.3415, 26.9198, 63.4301



75.8157, 79.2505, 105.9087



36.9198, 51.6006, 49.5927



15.6561, 16.3380, 22.5783



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.



27.3415, 26.9198, 63.4301



36.2627, 34.1641, 99.2908



25.8594, 20.2940, 62.2293



11.4645, 12.0193, 14.9594



8.3797, 5.4060, 37.7943



0.5395, 0.4441, 2.1369

Inverse Universe

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



36.3970, 26.4861, 28.3941



52.7473, 34.7241, 35.2089



46.6148, 57.1897, 23.3351



11.9606, 11.8690, 13.0683



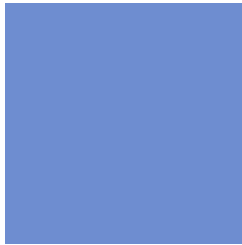
16.8604, 8.6170, 4.1712



0.9785, 0.4961, 0.4218

Previews

White Background



This preview shows how the XYZ color 27.3405, 26.9188, 63.4294 looks on a white background.

Color Contrast Check

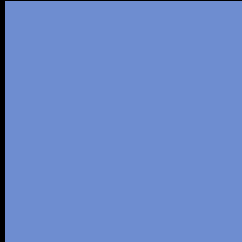
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3405, 26.9188, 63.4294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

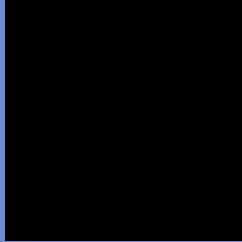
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3405, 26.9188, 63.4294

Background



This preview shows how black text looks on a background with the XYZ color 27.3405, 26.9188, 63.4294.



This preview shows how white text looks on a background with the XYZ color 27.3405, 26.9188,

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

27.3405, 26.9188, 63.4294

Protanopia

27.9809, 26.8434, 62.0991

Deuteranopia

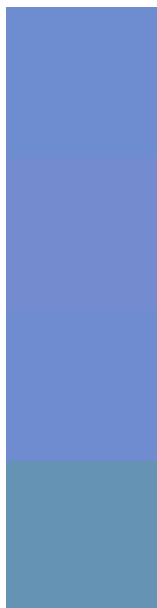
27.5733, 26.8209, 63.3982



Tritanopia

22.2518, 26.9081, 38.2034

Trichromacy



Original Color

27.3405, 26.9188, 63.4294

Protanomaly

27.8430, 26.9742, 62.7705

Deuteranomaly

27.4453, 26.7550, 63.3922

Tritanomaly

23.9372, 26.8888, 46.5763

Monochromacy



Original Color

27.3405, 26.9188, 63.4294

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9810, 26.0257, 38.8288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3405, 26.9188, 63.4294 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(110, 141, 208)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 208)  
}
```

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(110, 141, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 208) }
```

Border

The CSS property to change the border of an element to XYZ 27.3405, 26.9188, 63.4294 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(110, 141, 208) }
```


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

```
.border{ border-color:rgb(110, 141, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 141, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 208);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3405, 26.9188, 63.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 208) }
```

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

```
.background{ background-color: rgb(110,  
141, 208) }
```

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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