

Converting Colors

XYZ(25.0166, 27.8755, 48.3180)

Have a look what the booklet for
XYZ(25.0166, 27.8755, 48.3180)
contains.

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Color

**XYZ(25.0166, 27.8755,
48.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	6995B6
RGB	105, 149, 182
RGB Percent	41%, 58%, 71%
CMY	0.5882, 0.4157, 0.2863
CMYK	0.42, 0.18, 0.00, 0.29
HSL	206°, 35%, 56%
HSV	206°, 42%, 71%
XYZ	25.0166, 27.8755, 48.3180
YIQ	139.6060, -36.8170, 0.9350

Conversions

Conversions Part 2

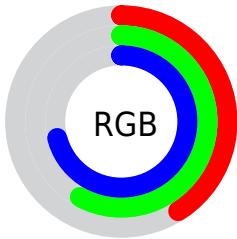
Format	Color
R_{YB}	105, 133, 182
Decimal	6919606
CIE _{Lab}	59.78, -6.19, -21.90
CIE _{LCh}	60, 22.760, 254.216
Yxy	27.8755, 0.2472, 0.2754
Android (android.graphics.Color)	4285109686 (0xFF6995B6)
YUV	139.6060, 20.9002, -30.3495
Hunter-Lab	52.7973, -7.8176, -17.3018

Details

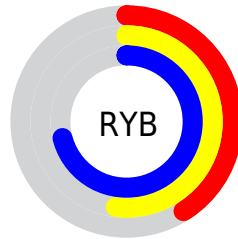
The XYZ color **25.0166, 27.8755, 48.3180** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.9303, 29.1426, 17.3603**, and the grayscale version is **24.7071, 25.9938, 28.3072**.

A 20% lighter version of the original color is **51.0866, 56.2558, 89.0548**, and **9.7463, 11.0504, 22.3881** is the 20% darker color. If you saturate the color by 10%, you get **21.9105, 24.5038, 47.8314**, and if you desaturate by 10%, it is **28.6646, 31.6505, 48.8549**.

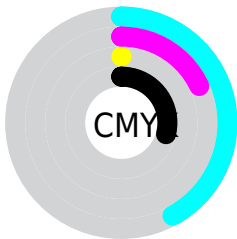
Distribution



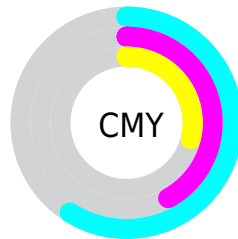
- Red (41%)
- Green (58%)
- Blue (71%)



- Red (41%)
- Yellow (52%)
- Blue (71%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (59%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0166, 27.8755, 48.3180 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 25.0166, 27.8755, 48.3180 by changing the saturation by 10% instead.

■ 25.0166, 27.8755,
48.3180

■ 25.0166, 27.8755,
48.3180

270.2667,
291.8715, 396.5962

■ 16.2182, 18.2318,
33.7170

■ 51.1269, 56.2856,
89.0482

■ 9.7705, 11.1166,
22.4007

■ 69.1694, 75.8208,
116.0144

■ 5.3082, 6.1453,
13.9505

■ 91.0241, 99.4220,
147.9395

■ 2.4658, 2.9336,
7.9479

■ 117.0563,
127.4736, 185.2419

■ 0.8780, 1.0972,
3.9743

147.6313,
160.3600, 228.3403

■ 0.0000, 0.0000,
1.6113

183.1144,

■ 0.0000, 0.0000,

198.4655, 277.6531

0.2988

223.8711,
242.1745, 333.5989

■ 0.0000, 0.0000,
0.0000

■ 25.0166, 27.8755,
48.3180

■ 25.0166, 27.8755,
48.3180

■ 21.9105, 24.5038,
47.8314

■ 28.6646, 31.6505,
48.8549

■ 19.3125, 21.5137,
47.3912

■ 32.8803, 35.8426,
49.4418

■ 17.1891, 18.8861,
46.9959

■ 37.6908, 40.4686,
50.0812

■ 15.5008, 16.5983,
46.6433

■ 43.1207, 45.5434,
50.7746

■ 14.2010, 14.6233,
46.3306

■ 49.1931, 51.0810,
51.5234

■ 13.3941, 13.2785,
46.1136

■ 55.9299, 57.0948,
52.3291

■ 63.3519, 63.5976,
53.1931

■ 71.4789, 70.6016,
54.1166

■ 75.0678, 75.4058,
54.8548

Harmonies

Analogous

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



22.7201, 27.8755, 42.8120



25.0166, 27.8755, 48.3180



27.8784, 27.8755, 48.4713

Triad

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



25.0166, 27.8755, 48.3180



32.2348, 27.8755, 26.6205



22.8170, 27.8755, 20.3432

Complementary

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



25.0166, 27.8755, 48.3180



30.9303, 29.1426, 17.3603

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.



25.1578, 27.8755, 17.4255



25.0166, 27.8755, 48.3180



30.6661, 27.8755, 20.5792

Square

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



25.0166, 27.8755, 48.3180



32.1901, 27.8755, 34.8742



28.0302, 27.8755, 17.5032



21.5143, 27.8755, 26.2381

Rectangle

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



25.0166, 27.8755, 48.3180



29.7330, 27.8755, 45.4491



28.0302, 27.8755, 17.5032



23.5008, 27.8755, 19.0334

Sweetspot

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



25.0175, 27.8766, 48.3187



67.4895, 72.5687, 90.6858



27.0757, 38.2684, 29.6586



14.4651, 15.6076, 19.9718



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.0175, 27.8766, 48.3187



39.9528, 44.6807, 86.7542



20.0000, 17.8416, 46.6462



8.9356, 9.5484, 11.4515



9.5257, 9.5110, 32.5868



0.3959, 0.4555, 1.1688

Inverse Universe

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



29.7685, 22.2190, 31.1545



50.0345, 34.0843, 50.0162



37.2856, 41.8532, 19.4788



9.2138, 9.0959, 10.4735



15.4218, 7.7425, 10.1079



0.5740, 0.2851, 0.5161

Previews

White Background



This preview shows how the XYZ color 25.0166, 27.8755, 48.3180 looks on a white background.

Color Contrast Check

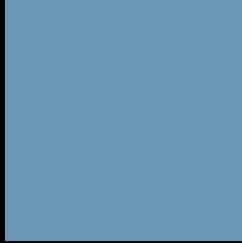
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0166, 27.8755, 48.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

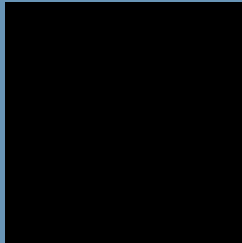
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

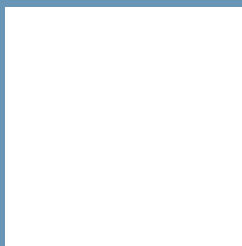
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0166, 27.8755, 48.3180

Background



This preview shows how black text looks on a background with the XYZ color 25.0166, 27.8755, 48.3180.



This preview shows how white text looks on a background with the XYZ color 25.0166, 27.8755,

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

25.0166, 27.8755, 48.3180

Protanopia

27.6005, 27.6712, 45.4814

Deuteranopia

28.3299, 27.7447, 49.2095



Tritanopia

23.1846, 27.8461, 39.2748

Trichromacy



Original Color

25.0166, 27.8755, 48.3180

Protanomaly

26.5743, 27.7906, 46.6113

Deuteranomaly

26.9779, 27.7254, 48.7294

Tritanomaly

23.8968, 27.8983, 42.6535

Monochromacy



Original Color

25.0166, 27.8755, 48.3180

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.4913, 26.5235, 34.8391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0166, 27.8755, 48.3180 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(105, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(105, 149, 182)  
}
```

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(105, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 149, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.0166, 27.8755, 48.3180 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(105, 149, 182) }
```


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

```
.border{ border-color:rgb(105, 149, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(105, 149,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0166, 27.8755, 48.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 149, 182) }
```

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

```
.background{ background-color: rgb(105,  
149, 182) }
```

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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