

Converting Colors

XYZ(24.7080, 28.1191, 45.1999)

Have a look what the booklet for
XYZ(24.7080, 28.1191, 45.1999)
contains.

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Color

**XYZ(24.6867, 28.0115,
45.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	6A96B0
RGB	106, 150, 176
RGB Percent	42%, 59%, 69%
CMY	0.5843, 0.4118, 0.3098
CMYK	0.40, 0.15, 0.00, 0.31
HSL	202°, 31%, 55%
HSV	202°, 40%, 69%
XYZ	24.6867, 28.0115, 45.1799
YIQ	139.8080, -34.5700, -1.2420

Conversions

Conversions Part 2

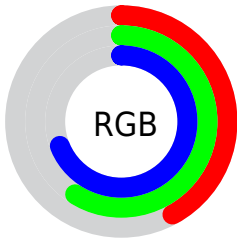
Format	Color
R_{YB}	106, 133, 176
Decimal	6985392
CIE _{Lab}	59.90, -8.14, -18.31
CIE _{LCh}	60, 20.039, 246.045
Yxy	28.0115, 0.2522, 0.2862
Android (android.graphics.Color)	4285175472 (0xFF6A96B0)
YUV	139.8080, 17.8427, -29.6496
Hunter-Lab	52.9259, -9.3609, -13.5645

Details

The XYZ color **24.6867, 28.0115, 45.1799** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.7578, 26.7737, 17.2887**, and the grayscale version is **24.7961, 26.0874, 28.4092**.

A 20% lighter version of the original color is **50.6556, 56.4855, 84.5769**, and **9.5583, 11.1380, 20.3850** is the 20% darker color. If you saturate the color by 10%, you get **21.7919, 25.0142, 44.7544**, and if you desaturate by 10%, it is **28.0707, 31.3487, 45.6462**.

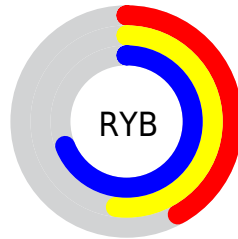
Distribution



Red (42%)

Green (59%)

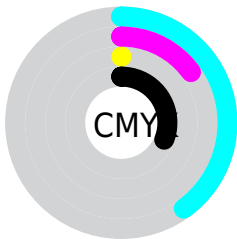
Blue (69%)



Red (42%)

Yellow (52%)

Blue (69%)

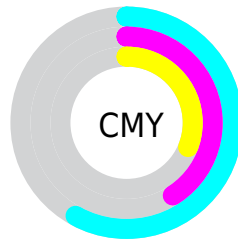


Cyan (40%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6867, 28.0115, 45.1799 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 24.6867, 28.0115, 45.1799 by changing the saturation by 10% instead.

■ 24.6867, 28.0115,
45.1799

■ 24.6867, 28.0115,
45.1799

268.6506,
292.5219, 383.6830

■ 15.9713, 18.3343,
31.2552

■ 50.5951, 56.5028,
84.3116

■ 9.5945, 11.1903,
20.5331

■ 68.5187, 76.0857,
110.3557

■ 5.1912, 6.1950,
12.5953

■ 90.2425, 99.7393,
141.2766

■ 2.3958, 2.9640,
7.0230

■ 116.1317,
127.8481, 177.4929

■ 0.8430, 1.1130,
3.3978

146.5518,
160.7963, 219.4232

■ 0.0000, 0.0000,
1.3012

181.8681,

■ 0.0000, 0.0000,

198.9684, 267.4859

0.0628

222.4459,
242.7488, 322.0997

■ 0.0000, 0.0000,
0.0000

■ 24.6867, 28.0115,
45.1799

■ 24.6867, 28.0115,
45.1799

■ 21.7919, 25.0142,
44.7544

■ 28.0707, 31.3487,
45.6462

■ 19.3562, 22.3379,
44.3662

■ 31.9665, 35.0368,
46.1527

■ 17.3503, 19.9668,
44.0143

■ 36.3981, 39.0902,
46.7015

■ 15.7398, 17.8816,
43.6967

■ 41.3873, 43.5215,
47.2939

■ 14.4845, 16.0601,
43.4113

■ 46.9547, 48.3426,
47.9310

■ 13.5022, 14.4585,
43.1539

■ 53.1197, 53.5646,
48.6141

■ 13.4809, 14.4233,
43.1482

■ 59.9008, 59.1983,
49.3441

■ 67.3157, 65.2542,
50.1222

■ 71.8365, 69.9146,
50.7834

Harmonies

Analogous

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



22.8610, 28.0115, 39.5097



24.6867, 28.0115, 45.1799



27.1427, 28.0115, 46.6628

Triad

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



24.6867, 28.0115, 45.1799



31.7917, 28.0115, 29.0478



23.8478, 28.0115, 20.5156

Complementary

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



24.6867, 28.0115, 45.1799



28.7578, 26.7737, 17.2887

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.



26.1122, 28.0115, 18.5803



24.6867, 28.0115, 45.1799



30.7790, 28.0115, 22.9756

Square

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



24.6867, 28.0115, 45.1799



31.3500, 28.0115, 36.5496



28.6603, 28.0115, 19.4034



22.3987, 28.0115, 25.1573

Rectangle

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



24.6867, 28.0115, 45.1799



28.8306, 28.0115, 44.8997



28.6603, 28.0115, 19.4034



24.5332, 28.0115, 19.5637

Sweetspot

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



24.6876, 28.0126, 45.1806



63.9614, 69.0408, 84.4504



25.6120, 35.7723, 27.2661



13.6369, 14.7581, 18.2742



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.



24.6876, 28.0126, 45.1806



39.9758, 45.8481, 81.2379



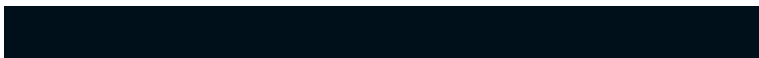
19.9499, 18.5373, 43.6013



8.4721, 9.0904, 10.8144



9.9485, 10.6974, 31.6775



0.3666, 0.4438, 1.0146

Inverse Universe

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



28.5643, 21.7410, 31.5463



48.2506, 33.6712, 51.8645



34.2643, 37.7868, 19.1242



8.7135, 8.5921, 9.9896



15.2562, 7.6200, 11.7751



0.5071, 0.2506, 0.5130

Previews

White Background



This preview shows how the XYZ color 24.6867, 28.0115, 45.1799 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 24.6867, 28.0115, 45.1799 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 24.6867, 28.0115, 45.1799

Background



This preview shows how black text looks on a background with the XYZ color 24.6867, 28.0115, 45.1799.



This preview shows how white text looks on a background with the XYZ color 24.6867, 28.0115,

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

24.6867, 28.0115, 45.1799

Protanopia

27.6544, 27.9885, 42.4728

Deuteranopia

28.3760, 27.8396, 45.9975



Tritanopia

23.5226, 28.0204, 39.2907

Trichromacy



Original Color

24.6867, 28.0115, 45.1799

Protanomaly

26.4259, 28.0105, 43.5489

Deuteranomaly

26.8112, 27.7100, 45.5304

Tritanomaly

23.8434, 27.9034, 41.1750

Monochromacy



Original Color

24.6867, 28.0115, 45.1799

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6251, 26.8356, 34.0189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6867, 28.0115, 45.1799 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(106, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(106, 150, 176)  
}
```

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(106, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 150, 176) }
```

Border

The CSS property to change the border of an element to XYZ 24.6867, 28.0115, 45.1799 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(106, 150, 176) }
```


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

```
.border{ border-color:rgb(106, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(106, 150,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6867, 28.0115, 45.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 150, 176) }
```

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

```
.background{ background-color: rgb(106,  
150, 176) }
```

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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