

Converting Colors

XYZ(32.0896, 24.6470, 25.6203)

Have a look what the booklet for
XYZ(32.0896, 24.6470, 25.6203)
contains.

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Color

**XYZ(32.0896, 24.6470,
25.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	C17086
RGB	193, 112, 134
RGB Percent	76%, 44%, 53%
CMY	0.2431, 0.5608, 0.4745
CMYK	0.00, 0.42, 0.31, 0.24
HSL	344°, 40%, 60%
HSV	344°, 42%, 76%
XYZ	32.0896, 24.6470, 25.6203
YIQ	138.7270, 41.2140, 24.0140

Conversions

Conversions Part 2

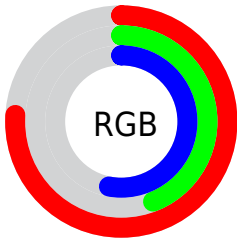
Format	Color
R_{YB}	193, 112, 134
Decimal	12677254
CIE _{Lab}	56.73, 34.67, 1.92
CIE _{LCh}	57, 34.722, 3.176
Yxy	24.6470, 0.3896, 0.2993
Android (android.graphics.Color)	4290867334 (0xFFC17086)
YUV	138.7270, -2.3304, 47.5974
Hunter-Lab	49.6457, 28.4973, 4.1547

Details

The XYZ color **32.0896, 24.6470, 25.6203** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.1039, 44.5256, 45.3799**, and the grayscale version is **24.4339, 25.7063, 27.9942**.

A 20% lighter version of the original color is **62.2084, 51.0074, 53.5804**, and **13.6788, 9.4195, 9.6915** is the 20% darker color. If you saturate the color by 10%, you get **29.2676, 20.4692, 20.1592**, and if you desaturate by 10%, it is **35.4998, 29.7922, 31.9211**.

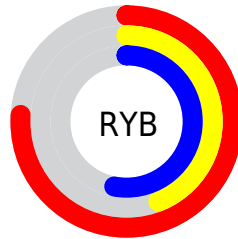
Distribution



Red (76%)

Green (44%)

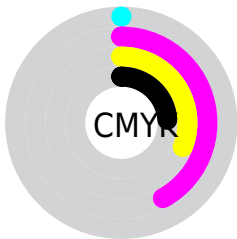
Blue (53%)



Red (76%)

Yellow (44%)

Blue (53%)

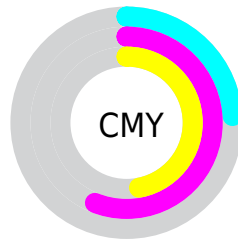


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0896, 24.6470, 25.6203 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 32.0896, 24.6470, 25.6203 by changing the saturation by 10% instead.

 32.0896, 24.6470,
25.6203


 32.0896, 24.6470,
25.6203


303.2652,
276.0754, 294.4591


 21.5858, 15.8143,
16.3166


 62.3158, 51.0840,
53.6383


 13.6678, 9.3928,
9.5917


 82.7689, 69.4570,
73.1897

 7.9701, 4.9983,
5.0270

 107.2691, 91.7789,
96.9940

 4.1275, 2.2462,
2.2041

 136.1819,
118.4341, 125.4698

 1.7745, 0.7450,
0.6767

169.8726,
149.8069, 159.0357

 0.5022, 0.0000,
0.0000

208.7064,

 0.0000, 0.0000,

186.2818, 198.1102

0.0000

253.0489,
228.2432, 243.1118

■ 32.0896, 24.6470,
25.6203

■ 32.0896, 24.6470,
25.6203

■ 29.2676, 20.4692,
20.1592

■ 35.4998, 29.7922,
31.9211

■ 26.9971, 17.1942,
15.4998

■ 39.5277, 35.9567,
39.0946

■ 25.2406, 14.7553,
11.6028


■ 44.2034, 43.1930,
47.1735


■ 23.9545, 13.0748,
8.4249


■ 49.5543, 51.5491,
56.1886

■ 23.0876, 12.0604,
5.9179


■ 55.6061, 61.0698,
66.1691

 22.6216, 11.5892,
4.3424

 62.3835, 71.7977,
77.1427

 69.9095, 83.7731,
89.1364

 74.4594, 89.5403,
100.9268

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



31.0819, 24.6470, 38.2057



32.0896, 24.6470, 25.6203



30.5642, 24.6470, 16.3925

Triad

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



32.0896, 24.6470, 25.6203



19.4197, 24.6470, 12.1676



20.0862, 24.6470, 52.0515

Complementary

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



32.0896, 24.6470, 25.6203



33.1039, 44.5256, 45.3799

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.



17.4963, 24.6470, 40.9771



32.0896, 24.6470, 25.6203



17.1437, 24.6470, 17.9811

Square

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



32.0896, 24.6470, 25.6203



22.9977, 24.6470, 10.1644



16.4819, 24.6470, 28.0904



23.8601, 24.6470, 55.8165

Rectangle

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



32.0896, 24.6470, 25.6203



28.4083, 24.6470, 12.6545



16.4819, 24.6470, 28.0904



19.0636, 24.6470, 48.9291

Sweetspot

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



32.0903, 24.6482, 25.6208



78.0678, 75.6483, 82.6080



32.0092, 23.9915, 53.3961



16.3331, 15.5851, 17.0100



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.0903, 24.6482, 25.6208



52.9636, 37.4592, 37.1863



32.8408, 28.3543, 19.0727



10.1831, 10.1218, 11.0545



15.0751, 7.7198, 3.0418



0.6813, 0.3455, 0.2893

Inverse Universe

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



32.0903, 24.6482, 25.6208



52.9636, 37.4592, 37.1863



31.7264, 38.1313, 56.1403



10.1831, 10.1218, 11.0545



15.0751, 7.7198, 3.0418



0.6813, 0.3455, 0.2893

Previews

White Background



This preview shows how the XYZ color 32.0896, 24.6470, 25.6203 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 32.0896, 24.6470, 25.6203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

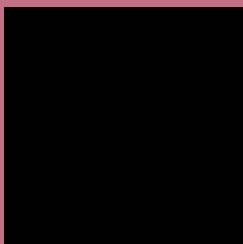
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0896, 24.6470, 25.6203

Background



This preview shows how black text looks on a background with the XYZ color 32.0896, 24.6470, 25.6203.



This preview shows how white text looks on a background with the XYZ color 32.0896, 24.6470,

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

32.0896, 24.6470, 25.6203

Protanopia

24.3028, 24.9807, 31.5578

Deuteranopia

25.2969, 24.8166, 24.9295



Tritanopia

31.2684, 24.6462, 21.5215

Trichromacy



Original Color

32.0896, 24.6470, 25.6203

Protanomaly

26.4519, 24.3300, 29.2886

Deuteranomaly

27.4348, 24.5487, 25.1222

Tritanomaly

31.4093, 24.5231, 22.8166

Monochromacy



Original Color

32.0896, 24.6470, 25.6203

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.6637, 24.8776, 27.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0896, 24.6470, 25.6203 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(193, 112, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 112, 134)  
}
```

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(193, 112, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 112, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.0896, 24.6470, 25.6203 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(193, 112, 134) }
```


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

```
.border{ border-color:rgb(193, 112, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 112, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 112, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 112, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 112,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0896, 24.6470, 25.6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 112, 134) }
```

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

```
.background{ background-color: rgb(193,  
112, 134) }
```

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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