

Converting Colors

XYZ(32.1647, 21.1286, 15.2894)

Have a look what the booklet for
XYZ(32.1647, 21.1286, 15.2894)
contains.

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Color

**XYZ(32.2750, 21.1779,
15.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	D25567
RGB	210, 85, 103
RGB Percent	82%, 33%, 40%
CMY	0.1765, 0.6666, 0.5961
CMYK	0.00, 0.60, 0.51, 0.18
HSL	351°, 58%, 58%
HSV	351°, 60%, 82%
XYZ	32.2750, 21.1779, 15.2186
YIQ	124.4270, 68.7220, 32.0980

Conversions

Conversions Part 2

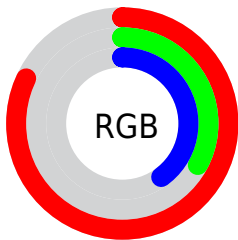
Format	Color
R_{YB}	210, 85, 103
Decimal	13784423
CIE Lab	53.14, 50.80, 15.42
CIE LCh	53, 53.085, 16.887
Yxy	21.1779, 0.4700, 0.3084
Android (android.graphics.Color)	4291974503 (0xFFD25567)
YUV	124.4270, -10.5635, 75.0475
Hunter-Lab	46.0195, 44.6541, 12.6065

Details

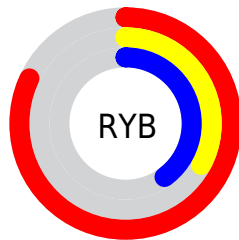
The XYZ color **32.2750, 21.1779, 15.2186** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **36.3087, 51.8307, 57.9637**, and the grayscale version is **19.3197, 20.3258, 22.1348**.

A 20% lighter version of the original color is **56.3054, 42.0583, 35.7223**, and **13.6834, 7.5534, 4.4781** is the 20% darker color. If you saturate the color by 10%, you get **30.0527, 18.0255, 10.4946**, and if you desaturate by 10%, it is **35.1828, 25.3911, 21.1286**.

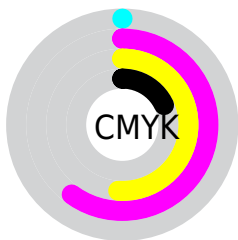
Distribution



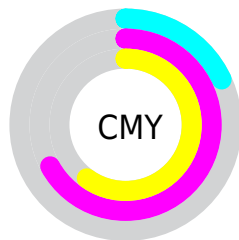
- Red (82%)
- Green (33%)
- Blue (40%)



- Red (82%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (60%)
- Yellow (51%)
- Black (18%)




- Cyan (18%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2750, 21.1779, 15.2186 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 32.2750, 21.1779, 15.2186 by changing the saturation by 10% instead.

 32.2750, 21.1779,
15.2186


 32.2750, 21.1779,
15.2186


304.0931,
258.2224, 236.3717


 21.7282, 13.2541,
8.8246

 62.6042, 45.3834,
35.9839

 13.7728, 7.6038,
4.5317


 83.1174, 62.4339,
51.1924

 8.0435, 3.8425,
1.9213


 107.6834, 83.2955,
70.1760

 4.1748, 1.5858,
0.5063

 136.6675,
108.3524, 93.3535

 1.8015, 0.3480,
0.0000

170.4352,
137.9892, 121.1432

 0.5186, 0.0000,
0.0000

209.3518,

 0.0000, 0.0000,

172.5902, 153.9638

0.0000

253.7827,
212.5398, 192.2338

■ 32.2750, 21.1779,
15.2186

■ 32.2750, 21.1779,
15.2186

■ 30.0527, 18.0255,
10.4946

■ 35.1828, 25.3911,
21.1286

■ 28.4569, 15.8357,
6.8743

■ 38.8254, 30.7450,
28.2967

■ 27.4211, 14.4980,
4.2666

■ 43.2492, 37.3157,
36.7908

■ 26.8377, 13.8229,
2.5563

■ 48.4964, 45.1718,
46.6732

■ 26.8155, 13.7965,
2.4934

■ 54.6061, 54.3768,
58.0027

■ 61.6149, 64.9900,
70.8344

■ 69.5573, 77.0671,
85.2204

■ 78.4659, 90.6608,
101.2107

■ 80.3882, 92.4416,
108.2138

Harmonies

Analogous

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



32.5268, 21.1779, 30.7778



32.2750, 21.1779, 15.2186



28.4113, 21.1779, 7.0897

Triad

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



32.2750, 21.1779, 15.2186



13.2538, 21.1779, 7.7633



17.7860, 21.1779, 67.9521

Complementary

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



32.2750, 21.1779, 15.2186



36.3087, 51.8307, 57.9637

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.



13.6364, 21.1779, 53.6484



32.2750, 21.1779, 15.2186



11.3656, 21.1779, 16.7526

Square

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



32.2750, 21.1779, 15.2186



17.1634, 21.1779, 4.3588



11.4913, 21.1779, 33.2145



23.4178, 21.1779, 66.8787

Rectangle

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



32.2750, 21.1779, 15.2186



24.6533, 21.1779, 4.7467



11.4913, 21.1779, 33.2145



16.1950, 21.1779, 64.5782

Sweetspot

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



32.2755, 21.1791, 15.2190



76.4219, 71.8528, 74.6087



36.4309, 22.2602, 63.3490



15.8044, 14.5488, 14.9360



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.



32.2755, 21.1791, 15.2190



45.9863, 27.0712, 14.8613



36.0362, 29.9936, 12.4859



11.8771, 11.8356, 12.6285



16.3796, 8.4247, 1.6394



0.9387, 0.4802, 0.2119

Inverse Universe

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



32.2755, 21.1791, 15.2190



45.9863, 27.0712, 14.8613



29.0620, 33.9491, 65.9936



11.8771, 11.8356, 12.6285



16.3796, 8.4247, 1.6394



0.9387, 0.4802, 0.2119

Previews

White Background



This preview shows how the XYZ color 32.2750, 21.1779, 15.2186 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 32.2750, 21.1779, 15.2186 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 32.2750, 21.1779, 15.2186

Background



This preview shows how black text looks on a background with the XYZ color 32.2750, 21.1779, 15.2186.



This preview shows how white text looks on a background with the XYZ color 32.2750, 21.1779,

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

32.2750, 21.1779, 15.2186

Protanopia

20.4334, 21.3798, 22.1185

Deuteranopia

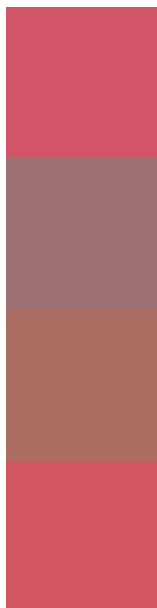
21.6949, 21.2662, 14.2706



Tritanopia

31.6785, 21.1620, 12.7710

Trichromacy



Original Color

32.2750, 21.1779, 15.2186

Protanomaly

23.2446, 20.2202, 19.2008

Deuteranomaly

24.7340, 20.6088, 14.4786

Tritanomaly

31.7800, 21.0740, 13.7020

Monochromacy



Original Color

32.2750, 21.1779, 15.2186

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.2459, 19.3814, 19.0915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2750, 21.1779, 15.2186 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(210, 85, 103)` looks like.

```
.text, #text, p{  
    color:rgb(210, 85, 103)  
}
```

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(210, 85, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 85, 103) }
```

Border

The CSS property to change the border of an element to XYZ 32.2750, 21.1779, 15.2186 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(210, 85, 103) }
```


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

```
.border{ border-color:rgb(210, 85, 103) }
```

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

Here you see how a box with a 4 pixel rgb(210, 85, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 85, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 85, 103);  
box-shadow:4px 4px 4px 4px rgb(210, 85,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2750, 21.1779, 15.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 85, 103) }
```

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

```
.background{ background-color: rgb(210, 85,  
103) }
```

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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