

Converting Colors

XYZ(25.1884, 14.7931, 12.5371)

Have a look what the booklet for
XYZ(25.1884, 14.7931, 12.5371)
contains.

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Color

**XYZ(25.2157, 14.7834,
12.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	C03760
RGB	192, 55, 96
RGB Percent	75%, 22%, 38%
CMY	0.2471, 0.7843, 0.6235
CMYK	0.00, 0.71, 0.50, 0.25
HSL	342°, 55%, 48%
HSV	342°, 71%, 75%
XYZ	25.2157, 14.7834, 12.5908
YIQ	100.6370, 68.4910, 41.7950

Conversions

Conversions Part 2

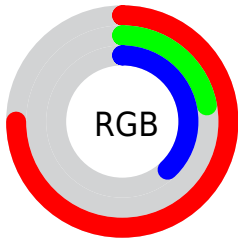
Format	Color
R_{YB}	192, 55, 96
Decimal	12597088
CIE _{Lab}	45.34, 56.90, 8.31
CIE _{LCh}	45, 57.502, 8.313
Yxy	14.7834, 0.4795, 0.2811
Android (android.graphics.Color)	4290787168 (0xFFC03760)
YUV	100.6370, -2.2860, 80.1254
Hunter-Lab	38.4492, 49.7776, 7.4990

Details

The XYZ color **25.2157, 14.7834, 12.5908** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **26.0122, 40.7462, 35.7757**, and the grayscale version is **12.2705, 12.9095, 14.0585**.

A 20% lighter version of the original color is **51.4905, 34.5463, 31.1484**, and **10.2486, 5.2168, 3.4844** is the 20% darker color. If you saturate the color by 10%, you get **23.9071, 13.0742, 9.3555**, and if you desaturate by 10%, it is **26.9858, 17.2460, 16.5033**.

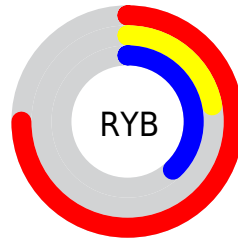
Distribution



Red (75%)

Green (22%)

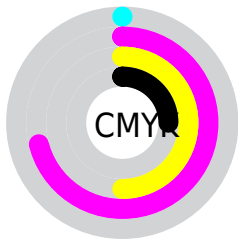
Blue (38%)



Red (75%)

Yellow (22%)

Blue (38%)

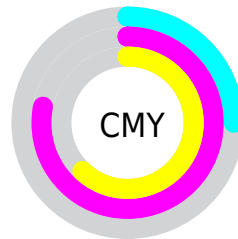


Cyan (0%)

Magenta (71%)

Yellow (50%)

Black (25%)



Cyan (25%)

Magenta (78%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2157, 14.7834, 12.5908 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 25.2157, 14.7834, 12.5908 by changing the saturation by 10% instead.

■ 25.2157, 14.7834,
12.5908

■ 25.2157, 14.7834,
12.5908

271.2383,
222.0514, 219.3932

■ 16.3674, 8.6675,
7.0200

■ 51.4473, 34.4728,
31.2470

■ 9.8770, 4.5250,
3.3960

■ 69.5614, 48.8150,
45.1694

■ 5.3791, 1.9713,
1.3002

■ 91.4947, 66.6682,
62.7128

■ 2.5084, 0.5907,
0.0620

■ 117.6127, 88.4166,
84.2958

■ 0.8995, 0.0000,
0.0000

■ 148.2807,
114.4448, 110.3367

■ 0.0000, 0.0000,
0.0000

183.8641,

145.1371, 141.2542

224.7281,
180.8778, 177.4669

■ 25.2157, 14.7834,
12.5908

■ 25.2157, 14.7834,
12.5908

■ 23.9071, 13.0742,
9.3555

■ 26.9858, 17.2460,
16.5033

■ 23.0095, 12.0261,
6.7535

■ 29.2580, 20.5350,
21.1310

■ 22.4879, 11.5063,
4.9658

■ 32.0697, 24.7177,
26.5095

■ 35.4541, 29.8535,
32.6718

■ 39.4417, 35.9969,
39.6488

■ 44.0610, 43.1980,
47.4695

■ 49.3383, 51.5037,
56.1617

■ 55.2987, 60.9582,
65.7517

■ 61.9657, 71.6029,
76.2646

Harmonies

Analogous

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



24.4084, 14.7834, 27.8798



25.2157, 14.7834, 12.5908



22.5425, 14.7834, 4.6889

Triad

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



25.2157, 14.7834, 12.5908



9.0991, 14.7834, 3.0340



10.9282, 14.7834, 54.8997

Complementary

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



25.2157, 14.7834, 12.5908



26.0122, 40.7462, 35.7757

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.



8.0152, 14.7834, 38.4794



25.2157, 14.7834, 12.5908



7.1376, 14.7834, 8.2127

Square

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



25.2157, 14.7834, 12.5908



12.7668, 14.7834, 1.5869



6.7915, 14.7834, 20.1994



15.4189, 14.7834, 58.5643

Rectangle

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



25.2157, 14.7834, 12.5908



19.4382, 14.7834, 2.4969



6.7915, 14.7834, 20.1994



9.7645, 14.7834, 50.3726

Sweetspot

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



25.2161, 14.7842, 12.5910



71.4765, 65.2399, 71.8587



23.6254, 13.1090, 51.1540



14.8785, 13.2910, 14.6289



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.



25.2161, 14.7842, 12.5910



42.2553, 22.4132, 13.9772



25.4760, 17.5786, 5.6659



10.1945, 10.1264, 11.1146



15.1625, 7.7547, 3.5016



0.6864, 0.3476, 0.3158

Inverse Universe

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



25.2161, 14.7842, 12.5910



42.2553, 22.4132, 13.9772



24.4738, 31.3850, 54.6369



10.1945, 10.1264, 11.1146



15.1625, 7.7547, 3.5016



0.6864, 0.3476, 0.3158

Previews

White Background



This preview shows how the XYZ color 25.2157, 14.7834, 12.5908 looks on a white background.

Color Contrast Check

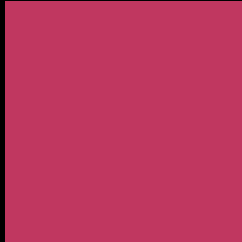
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.2157, 14.7834, 12.5908 looks on a black 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

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

XYZ 25.2157, 14.7834, 12.5908

Background



This preview shows how black text looks on a background with the XYZ color 25.2157, 14.7834, 12.5908.



This preview shows how white text looks on a background with the XYZ color 25.2157, 14.7834,

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

25.2157, 14.7834, 12.5908

Protanopia

14.7215, 14.9739, 21.1831

Deuteranopia

15.2109, 14.9819, 11.5413



Tritanopia

23.9120, 14.7741, 6.5924

Trichromacy



Original Color

25.2157, 14.7834, 12.5908

Protanomaly

16.8435, 13.5127, 17.6401

Deuteranomaly

17.6540, 13.8178, 11.8619

Tritanomaly

24.3543, 14.7261, 8.3963

Monochromacy



Original Color

25.2157, 14.7834, 12.5908

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.2540, 12.3098, 13.3764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2157, 14.7834, 12.5908 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(192, 55, 96)` looks like.

```
.text, #text, p{  
    color:rgb(192, 55, 96)  
}
```

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(192, 55, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 55, 96) }
```

Border

The CSS property to change the border of an element to XYZ 25.2157, 14.7834, 12.5908 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(192, 55, 96) }
```


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

```
.border{ border-color:rgb(192, 55, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 55, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 55, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 55, 96);  
box-shadow:4px 4px 4px 4px rgb(192, 55,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2157, 14.7834, 12.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 55, 96) }
```

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

```
.background{ background-color: rgb(192, 55,  
96) }
```

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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