

Converting Colors

XYZ(25.9422, 18.6765, 12.0726)

Have a look what the booklet for
XYZ(25.9422, 18.6765, 12.0726)
contains.

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Color

**XYZ(25.8791, 18.6766,
12.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5B5B
RGB	186, 91, 91
RGB Percent	73%, 36%, 36%
CMY	0.2706, 0.6431, 0.6431
CMYK	0.00, 0.51, 0.51, 0.27
HSL	0°, 41%, 54%
HSV	0°, 51%, 73%
XYZ	25.8791, 18.6766, 12.1385
YIQ	119.4050, 56.6200, 20.1400

Conversions

Conversions Part 2

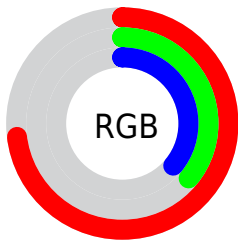
Format	Color
RYB	186, 91, 91
Decimal	12213083
CIELab	50.31, 38.27, 18.07
CIELCh	50, 42.316, 25.271
Yxy	18.6766, 0.4565, 0.3294
Android (android.graphics.Color)	4290403163 (0xFFBA5B5B)
YUV	119.4050, -14.0037, 58.4038
Hunter-Lab	43.2164, 31.2616, 13.5983

Details

The XYZ color **25.8791, 18.6766, 12.1385** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.7351, 40.8849, 52.7258**, and the grayscale version is **17.6940, 18.6155, 20.2723**.

A 20% lighter version of the original color is **52.2864, 40.9805, 30.3535**, and **10.2857, 6.3742, 3.1708** is the 20% darker color. If you saturate the color by 10%, you get **23.7762, 15.5997, 7.9576**, and if you desaturate by 10%, it is **28.5758, 22.6229, 17.4987**.

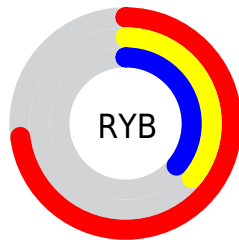
Distribution



Red (73%)

Green (36%)

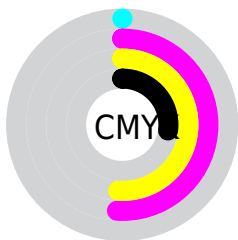
Blue (36%)



Red (73%)

Yellow (36%)

Blue (36%)

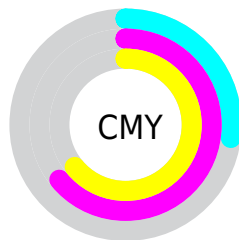


Cyan (0%)

Magenta (51%)

Yellow (51%)

Black (27%)



Cyan (27%)


Magenta (64%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8791, 18.6766, 12.1385 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 25.8791, 18.6766, 12.1385 by changing the saturation by 10% instead.


 25.8791, 18.6766,
12.1385


 25.8791, 18.6766,
12.1385


274.4557,
244.6575, 216.3304


 16.8654, 11.4368,
6.7144


 52.5125, 41.1869,
30.4153


 10.2333, 6.3615,
3.2084


 70.8630, 57.2262,
44.1050

 5.6174, 3.0661,
1.2020

 93.0564, 76.9675,
61.3870

 2.6523, 1.1663,
0.0000

 119.4582,
100.7952, 82.6799

 0.9727, 0.0340,
0.0000

150.4337,
129.0937, 108.4021

 0.0000, 0.0000,
0.0000

186.3482,

162.2473, 138.9722

227.5670,
200.6404, 174.8088

■ 25.8791, 18.6766,
12.1385

■ 25.8791, 18.6766,
12.1385

■ 23.7762, 15.5997,
7.9576

■ 28.5758, 22.6229,
17.4987

■ 22.2210, 13.3240,
4.8662

■ 31.9049, 27.4944,
24.1168

■ 21.1632, 11.7760,
2.7634

■ 35.9035, 33.3455,
32.0658

■ 20.5422, 10.8672,
1.5290

■ 40.6054, 40.2257,
41.4130

■ 20.2497, 10.4393,
0.9477

■ 46.0420, 48.1811,
52.2209

■ 52.2431, 57.2549,
64.5485

■ 59.2364, 67.4881,
78.4512

■ 67.0487, 78.9196,
93.9819

■ 74.0596, 89.1791,
107.9177

Harmonies

Analogous

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



26.8261, 18.6766, 22.2546



25.8791, 18.6766, 12.1385



22.6330, 18.6766, 6.8500

Triad

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



25.8791, 18.6766, 12.1385



12.0279, 18.6766, 9.9931



17.1094, 18.6766, 52.1631

Complementary

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



25.8791, 18.6766, 12.1385



30.7351, 40.8849, 52.7258

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.



13.6278, 18.6766, 45.1130



25.8791, 18.6766, 12.1385



10.9960, 18.6766, 18.5303

Square

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



25.8791, 18.6766, 12.1385



14.5937, 18.6766, 5.9877



11.5333, 18.6766, 31.5795



21.3349, 18.6766, 48.3541

Rectangle

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



25.8791, 18.6766, 12.1385



19.8326, 18.6766, 5.3813



11.5333, 18.6766, 31.5795



15.8214, 18.6766, 50.9266

Sweetspot

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



25.8796, 18.6776, 12.1388



69.8845, 67.4749, 67.6775



32.8537, 21.4665, 48.8661



14.9936, 14.2794, 14.1161



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.8796, 18.6776, 12.1388



42.7917, 27.8303, 13.8188



31.2984, 29.5152, 13.9451



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



30.7351, 40.8849, 52.7258



52.5540, 72.4793, 95.4214



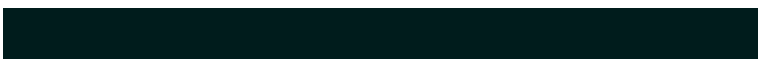
22.3378, 24.0902, 49.9267



9.2667, 10.2106, 11.5619



17.7744, 26.0085, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 25.8791, 18.6766, 12.1385 looks on a white background.

Color Contrast Check

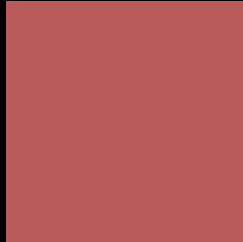
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8791, 18.6766, 12.1385 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 25.8791, 18.6766, 12.1385

Background



This preview shows how black text looks on a background with the XYZ color 25.8791, 18.6766, 12.1385.

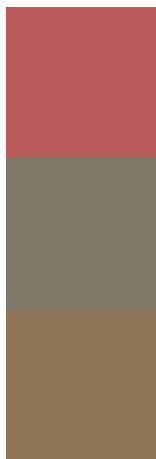


This preview shows how white text looks on a background with the XYZ color 25.8791, 18.6766,

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

25.8791, 18.6766, 12.1385

Protanopia

17.8705, 18.8885, 16.0686

Deuteranopia

19.1787, 18.7892, 11.6327



Tritanopia

26.0172, 18.5960, 13.2845

Trichromacy



Original Color

25.8791, 18.6766, 12.1385

Protanomaly

19.9816, 18.1533, 14.5074

Deuteranomaly

21.2136, 18.3836, 11.6628

Tritanomaly

25.9262, 18.5596, 12.8056

Monochromacy



Original Color

25.8791, 18.6766, 12.1385

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.5566, 17.8810, 16.8886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8791, 18.6766, 12.1385 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(186, 91, 91)` looks like.

```
.text, #text, p{  
    color:rgb(186, 91, 91)  
}
```

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(186, 91, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 91, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.8791, 18.6766, 12.1385 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(186, 91, 91) }
```


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

```
.border{ border-color:rgb(186, 91, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 91, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 91, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 91, 91);  
box-shadow:4px 4px 4px 4px rgb(186, 91,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8791, 18.6766, 12.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 91, 91) }
```

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

```
.background{ background-color: rgb(186, 91,  
91) }
```

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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