

Converting Colors

XYZ(25.4420, 17.9234, 12.0685)

Have a look what the booklet for
XYZ(25.4420, 17.9234, 12.0685)
contains.

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Color

**XYZ(25.5462, 18.0108,
12.0275)**

Conversions

Conversions Part 1

Format	Color
Hex	BA575B
RGB	186, 87, 91
RGB Percent	73%, 34%, 36%
CMY	0.2706, 0.6588, 0.6431
CMYK	0.00, 0.53, 0.51, 0.27
HSL	358°, 42%, 54%
HSV	358°, 53%, 73%
XYZ	25.5462, 18.0108, 12.0275
YIQ	117.0570, 57.7200, 22.2320

Conversions

Conversions Part 2

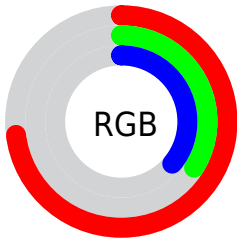
Format	Color
R_{YB}	186, 87, 91
Decimal	12212059
CIE Lab	49.51, 40.31, 16.98
CIE LCh	50, 43.740, 22.849
Yxy	18.0108, 0.4596, 0.3240
Android (android.graphics.Color)	4290402139 (0xFFBA575B)
YUV	117.0570, -12.8461, 60.4630
Hunter-Lab	42.4391, 33.1794, 12.9043

Details

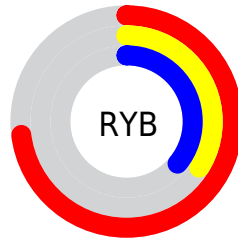
The XYZ color **25.5462, 18.0108, 12.0275** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.9339, 40.5218, 50.5025**, and the grayscale version is **16.9528, 17.8356, 19.4230**.

A 20% lighter version of the original color is **52.1918, 40.2721, 30.2218**, and **9.9768, 5.9807, 3.1112** is the 20% darker color. If you saturate the color by 10%, you get **23.5490, 15.1056, 8.0041**, and if you desaturate by 10%, it is **28.1154, 21.7670, 17.1453**.

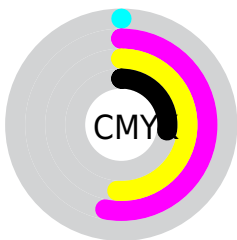
Distribution



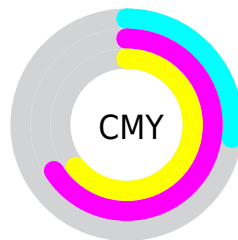
- Red (73%)
- Green (34%)
- Blue (36%)



- Red (73%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (51%)
- Black (27%)





- Cyan (27%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5462, 18.0108, 12.0275 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 25.5462, 18.0108, 12.0275 by changing the saturation by 10% instead.


 25.5462, 18.0108,
12.0275


 25.5462, 18.0108,
12.0275


272.8450,
240.9319, 215.5716


 16.6154, 10.9577,
6.6396


 51.9785, 40.0557,
30.2103


 10.0542, 6.0384,
3.1628


 70.2106, 55.8164,
43.8424


 5.4975, 2.8685,
1.1783

 92.2739, 75.2484,
61.0596

 2.5797, 1.0634,
0.0000

 118.5337, 98.7361,
82.2805

 0.9356, 0.0000,
0.0000

 149.3554,
126.6639, 107.9236

 0.0000, 0.0000,
0.0000

185.1042,

159.4162, 138.4074

226.1456,
197.3774, 174.1506

■ 25.5462, 18.0108,
12.0275

■ 25.5462, 18.0108,
12.0275

■ 23.5490, 15.1056,
8.0041

■ 28.1154, 21.7670,
17.1453

■ 22.0788, 12.9825,
4.9947

■ 31.2943, 26.4305,
23.4283

■ 21.0861, 11.5663,
2.9089

■ 35.1191, 32.0562,
30.9425

■ 20.5113, 10.7660,
1.6404

■ 39.6226, 38.6937,
39.7486

■ 20.2907, 10.4555,
1.1642

■ 44.8355, 46.3893,
49.9033

■ 50.7867, 55.1864,
61.4601

■ 57.5033, 65.1260,
74.4693

■ 65.0111, 76.2469,
88.9789

■ 73.3348, 88.5862,
105.0347

Harmonies

Analogous

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



26.2876, 18.0108, 22.5860



25.5462, 18.0108, 12.0275



22.3866, 18.0108, 6.4797

Triad

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



25.5462, 18.0108, 12.0275



11.5286, 18.0108, 8.8183



16.1473, 18.0108, 52.0162

Complementary

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



25.5462, 18.0108, 12.0275



29.9339, 40.5218, 50.5025

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.



12.7497, 18.0108, 43.9522



25.5462, 18.0108, 12.0275



10.3763, 18.0108, 16.9089

Square

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



25.5462, 18.0108, 12.0275



14.2117, 18.0108, 5.2164



10.7843, 18.0108, 29.8546



20.3973, 18.0108, 48.9909

Rectangle

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



25.5462, 18.0108, 12.0275



19.5735, 18.0108, 4.9026



10.7843, 18.0108, 29.8546



14.8783, 18.0108, 50.4308

Sweetspot

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



25.5467, 18.0118, 12.0278



69.2016, 66.2756, 66.9370



31.3394, 20.1923, 48.6999



14.8625, 14.0395, 14.0041



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.



25.5467, 18.0118, 12.0278



42.1256, 26.5706, 13.3729



30.1610, 27.5089, 12.7382



9.0189, 9.0179, 9.4470



13.6578, 7.0369, 0.8187



0.4865, 0.2501, 0.0551

Inverse Universe

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



25.5467, 18.0118, 12.0278



42.1256, 26.5706, 13.3729



22.3857, 24.7552, 50.0526



9.0189, 9.0179, 9.4470



13.6578, 7.0369, 0.8187



0.4865, 0.2501, 0.0551

Previews

White Background



This preview shows how the XYZ color 25.5462, 18.0108, 12.0275 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 25.5462, 18.0108, 12.0275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

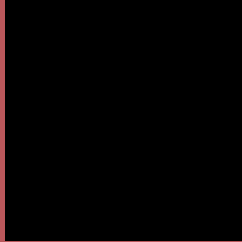
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5462, 18.0108, 12.0275

Background



This preview shows how black text looks on a background with the XYZ color 25.5462, 18.0108, 12.0275.

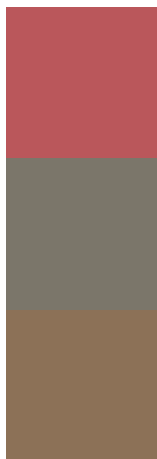


This preview shows how white text looks on a background with the XYZ color 25.5462, 18.0108,

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

25.5462, 18.0108, 12.0275

Protanopia

17.2483, 18.2084, 16.2412

Deuteranopia

18.4406, 18.0738, 11.5335



Tritanopia

25.6337, 18.0458, 12.4881

Trichromacy



Original Color

25.5462, 18.0108, 12.0275

Protanomaly

19.4607, 17.5660, 14.6768

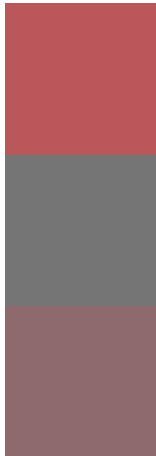
Deuteranomaly

20.6164, 17.7733, 11.5765

Tritanomaly

25.5897, 18.0282, 12.2563

Monochromacy



Original Color

25.5462, 18.0108, 12.0275

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.0161, 17.1416, 16.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5462, 18.0108, 12.0275 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, 87, 91)` looks like.

```
.text, #text, p{  
    color:rgb(186, 87, 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, 87, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 87, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.5462, 18.0108, 12.0275 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, 87, 91) }
```


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

```
.border{ border-color:rgb(186, 87, 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, 87, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 87, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 87, 91);  
box-shadow:4px 4px 4px 4px rgb(186, 87,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5462, 18.0108, 12.0275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 87, 91) }
```

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

```
.background{ background-color: rgb(186, 87,  
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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