

Converting Colors

XYZ(25.8876, 18.4101, 13.0155)

Have a look what the booklet for
XYZ(25.8876, 18.4101, 13.0155)
contains.

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Color

**XYZ(25.8876, 18.4101,
13.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	BA595F
RGB	186, 89, 95
RGB Percent	73%, 35%, 37%
CMY	0.2706, 0.6510, 0.6274
CMYK	0.00, 0.52, 0.49, 0.27
HSL	356°, 41%, 54%
HSV	356°, 52%, 73%
XYZ	25.8876, 18.4101, 13.0155
YIQ	118.6870, 55.8860, 22.4300

Conversions

Conversions Part 2

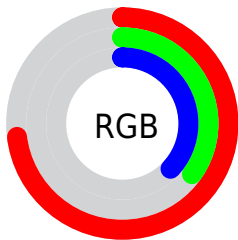
Format	Color
RYB	186, 89, 95
Decimal	12212575
CIELab	49.99, 39.67, 15.25
CIELCh	50, 42.500, 21.034
Yxy	18.4101, 0.4517, 0.3212
Android (android.graphics.Color)	4290402655 (0xFFBA595F)
YUV	118.6870, -11.6777, 59.0335
Hunter-Lab	42.9070, 32.6093, 12.0497

Details

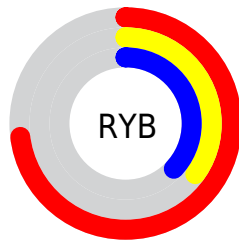
The XYZ color **25.8876, 18.4101, 13.0155** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.9180, 40.5373, 49.4305**, and the grayscale version is **17.4596, 18.3689, 20.0037**.

A 20% lighter version of the original color is **52.4400, 40.8028, 31.8999**, and **10.3008, 6.2751, 3.5740** is the 20% darker color. If you saturate the color by 10%, you get **23.8243, 15.4140, 8.8430**, and if you desaturate by 10%, it is **28.5205, 22.2612, 18.2549**.

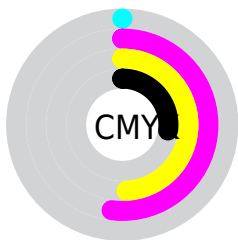
Distribution



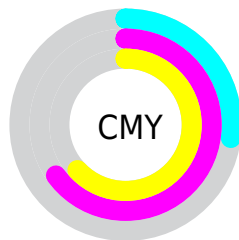
- Red (73%)
- Green (35%)
- Blue (37%)



- Red (73%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (27%)





- Cyan (27%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8876, 18.4101, 13.0155 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 25.8876, 18.4101, 13.0155 by changing the saturation by 10% instead.


 25.8876, 18.4101,
13.0155


 25.8876, 18.4101,
13.0155


274.4967,
243.1725, 222.2283


 16.8718, 11.2448,
7.3084


 52.5262, 40.7349,
32.0232


 10.2379, 6.2318,
3.5743


 70.8796, 56.6632,
46.1609

 5.6204, 2.9865,
1.3949

 93.0764, 76.2813,
63.9458

 2.6541, 1.1247,
0.1377

 119.4818, 99.9736,
85.7966

 0.9736, 0.0000,
0.0000

150.4611,
128.1245, 112.1316

 0.0000, 0.0000,
0.0000

186.3798,

161.1183, 143.3696

227.6033,
199.3395, 179.9290

■ 25.8876, 18.4101,
13.0155

■ 25.8876, 18.4101,
13.0155

■ 23.8243, 15.4140,
8.8430

■ 28.5205, 22.2612,
18.2549

■ 22.2872, 13.2051,
5.6629

■ 31.7595, 27.0226,
24.6264

■ 21.2288, 11.7101,
3.3933

■ 35.6395, 32.7483,
32.1914

■ 20.5925, 10.8407,
1.9381

■ 40.1925, 39.4873,
41.0065

■ 20.3129, 10.4644,
1.2811

■ 45.4484, 47.2852,
51.1246

■ 51.4352, 56.1851,
62.5958

■ 58.1792, 66.2273,
75.4673

■ 65.7059, 77.4504,
89.7841

■ 73.5889, 88.9908,
105.4392

Harmonies

Analogous

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



26.4457, 18.4101, 23.7541



25.8876, 18.4101, 13.0155



22.9087, 18.4101, 7.1613

Triad

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



25.8876, 18.4101, 13.0155



12.0808, 18.4101, 8.9777



16.3041, 18.4101, 51.4285

Complementary

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



25.8876, 18.4101, 13.0155



29.9180, 40.5373, 49.4305

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.



13.0147, 18.4101, 43.0749



25.8876, 18.4101, 13.0155



10.8378, 18.4101, 16.7445

Square

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



25.8876, 18.4101, 13.0155



14.8313, 18.4101, 5.5394



11.1508, 18.4101, 29.2374



20.4672, 18.4101, 49.1716

Rectangle

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



25.8876, 18.4101, 13.0155



20.1732, 18.4101, 5.4225



11.1508, 18.4101, 29.2374



15.0708, 18.4101, 49.6777

Sweetspot

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



25.8881, 18.4111, 13.0158



69.3023, 66.3159, 67.4672



31.1497, 20.3383, 48.7380



14.8868, 14.0492, 14.1318



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.



25.8881, 18.4111, 13.0158



42.5843, 27.0741, 14.8019



30.1742, 27.4029, 13.1515



9.0265, 9.0210, 9.4871



13.6760, 7.0442, 0.9149



0.4898, 0.2514, 0.0725

Inverse Universe

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



25.8881, 18.4111, 13.0158



42.5843, 27.0741, 14.8019



22.9519, 25.6065, 50.1870



9.0265, 9.0210, 9.4871



13.6760, 7.0442, 0.9149



0.4898, 0.2514, 0.0725

Previews

White Background



This preview shows how the XYZ color 25.8876, 18.4101, 13.0155 looks on a white background.

Color Contrast Check

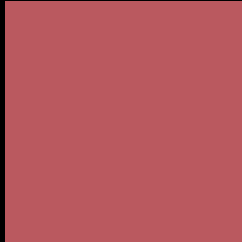
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8876, 18.4101, 13.0155 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 25.8876, 18.4101, 13.0155

Background



This preview shows how black text looks on a background with the XYZ color 25.8876, 18.4101, 13.0155.

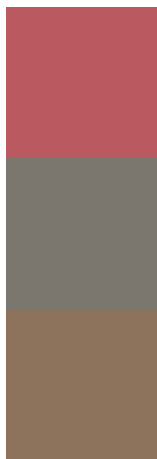


This preview shows how white text looks on a background with the XYZ color 25.8876, 18.4101,

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

25.8876, 18.4101, 13.0155

Protanopia

17.7235, 18.6045, 17.4088

Deuteranopia

19.0036, 18.6795, 12.5014



Tritanopia

25.8876, 18.4101, 13.0155

Trichromacy



Original Color

25.8876, 18.4101, 13.0155

Protanomaly

19.9450, 17.9481, 15.7777

Deuteranomaly

20.9904, 18.2489, 12.5413

Tritanomaly

25.8876, 18.4101, 13.0155

Monochromacy



Original Color

25.8876, 18.4101, 13.0155

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.5047, 17.6906, 17.1385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8876, 18.4101, 13.0155 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, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(186, 89, 95)  
}
```

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, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 89, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.8876, 18.4101, 13.0155 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, 89, 95) }
```


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

```
.border{ border-color:rgb(186, 89, 95) }
```

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

Here you see how a box with a 4 pixel rgb(186, 89, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(186, 89,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8876, 18.4101, 13.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 89, 95) }
```

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

```
.background{ background-color: rgb(186, 89,  
95) }
```

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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