

Converting Colors

XYZ(24.9872, 18.8554, 13.1011)

Have a look what the booklet for
XYZ(24.9872, 18.8554, 13.1011)
contains.

XYZ(25.0708, 18.8953, 13.1522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0708, 18.8953,
13.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	B4605F
RGB	180, 96, 95
RGB Percent	71%, 38%, 37%
CMY	0.2941, 0.6235, 0.6274
CMYK	0.00, 0.47, 0.47, 0.29
HSL	1°, 36%, 54%
HSV	1°, 47%, 71%
XYZ	25.0708, 18.8953, 13.1522
YIQ	121.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

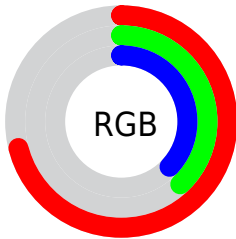
Format	Color
R_{YB}	180, 96, 95
Decimal	11821151
CIE Lab	50.56, 33.75, 15.90
CIE LCh	51, 37.304, 25.230
Yxy	18.8953, 0.4389, 0.3308
Android (android.graphics.Color)	4290011231 (0xFFB4605F)
YUV	121.0020, -12.8190, 51.7412
Hunter-Lab	43.4687, 26.8805, 12.4889

Details

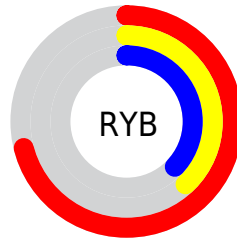
The XYZ color **25.0708, 18.8953, 13.1522** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.0765, 37.9662, 48.9755**, and the grayscale version is **18.2039, 19.1519, 20.8564**.

A 20% lighter version of the original color is **51.2973, 41.5749, 32.1091**, and **9.8831, 6.5399, 3.6472** is the 20% darker color. If you saturate the color by 10%, you get **22.9018, 15.7190, 8.8483**, and if you desaturate by 10%, it is **27.7969, 22.8835, 18.5748**.

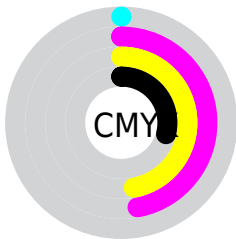
Distribution



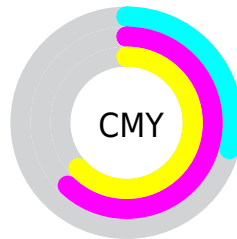
- Red (71%)
- Green (38%)
- Blue (37%)



- Red (71%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (47%)
- Black (29%)




- Cyan (29%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0708, 18.8953, 13.1522 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 25.0708, 18.8953, 13.1522 by changing the saturation by 10% instead.


 25.0708, 18.8953,
13.1522


 25.0708, 18.8953,
13.1522

270.5315,
245.8702, 223.1328


 16.2588, 11.5946,
7.4015


 51.2141, 41.5571,
32.2721


 9.7995, 6.4683,
3.6322


 69.2762, 57.6871,
46.4784

 5.3275, 3.1319,
1.4258


 91.1523, 77.5289,
64.3403

 2.4774, 1.2010,
0.1617

 117.2079,
101.4670, 86.2764

 0.8839, 0.0625,
0.0000

147.8082,
129.8858, 112.7051

 0.0000, 0.0000,
0.0000

183.3187,

163.1696, 144.0450

224.1047,
201.7030, 180.7148

■ 25.0708, 18.8953,
13.1522

■ 25.0708, 18.8953,
13.1522

■ 22.9018, 15.7190,
8.8483

■ 27.7969, 22.8835,
18.5748

■ 21.2503, 13.2961,
5.5842

■ 31.1135, 27.7308,
25.1856

■ 20.0736, 11.5654,
3.2722


■ 35.0528, 33.4844,
33.0496


■ 19.3216, 10.4543,
1.8102


■ 39.6444, 40.1872,
42.2268


■ 18.9264, 9.8677,
1.0507


■ 44.9160, 47.8794,
52.7735

 18.8454, 9.7495,
0.8886

 50.8937, 56.5987,
64.7424

 57.6022, 66.3811,
78.1837

 65.0650, 77.2607,
93.1451

 72.6323, 88.4433,
107.8509

Harmonies

Analogous

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



25.8839, 18.8953, 22.2874



25.0708, 18.8953, 13.1522



22.2578, 18.8953, 8.1023

Triad

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



25.0708, 18.8953, 13.1522



12.7977, 18.8953, 11.1225



17.3832, 18.8953, 47.7418

Complementary

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



25.0708, 18.8953, 13.1522



29.0765, 37.9662, 48.9755

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.



14.2534, 18.8953, 41.8459



25.0708, 18.8953, 13.1522



11.8440, 18.8953, 18.9503

Square

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



25.0708, 18.8953, 13.1522



15.1358, 18.8953, 7.2387



12.3386, 18.8953, 30.3651



21.1140, 18.8953, 44.5813

Rectangle

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



25.0708, 18.8953, 13.1522



19.8051, 18.8953, 6.6329



12.3386, 18.8953, 30.3651



16.2321, 18.8953, 46.7092

Sweetspot

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



25.0713, 18.8963, 13.1525



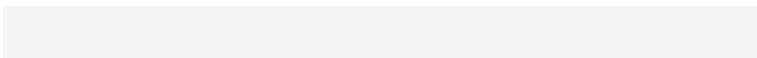
65.9152, 64.1557, 64.6349



31.1527, 21.1830, 45.6266



13.8808, 13.3322, 13.2390



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.0713, 18.8963, 13.1525



41.2686, 28.1246, 15.5341



29.9048, 28.5633, 14.7637



8.5042, 8.5208, 8.8490



13.1565, 6.8116, 0.6213



0.4166, 0.2196, 0.0204

Inverse Universe

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



29.0765, 37.9662, 48.9755



49.4350, 67.0231, 88.6259



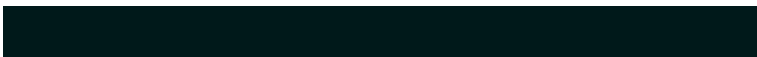
21.9745, 23.7620, 46.6082



8.7339, 9.6140, 10.9017



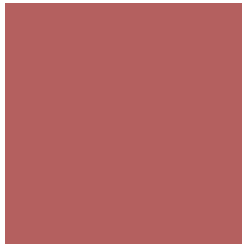
16.8471, 24.4946, 33.9770



0.5328, 0.7761, 1.0700

Previews

White Background



This preview shows how the XYZ color 25.0708, 18.8953, 13.1522 looks on a white background.

Color Contrast Check

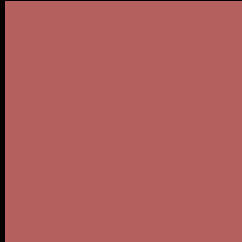
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0708, 18.8953, 13.1522 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 25.0708, 18.8953, 13.1522

Background



This preview shows how black text looks on a background with the XYZ color 25.0708, 18.8953, 13.1522.

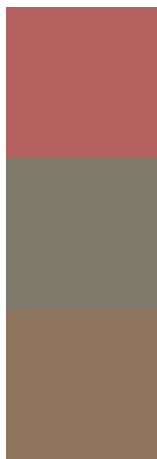


This preview shows how white text looks on a background with the XYZ color 25.0708, 18.8953,

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

25.0708, 18.8953, 13.1522

Protanopia

18.0954, 19.1719, 16.6567

Deuteranopia

19.3325, 19.0143, 12.7764



Tritanopia

25.5465, 18.9675, 14.8850

Trichromacy



Original Color

25.0708, 18.8953, 13.1522

Protanomaly

20.0964, 18.6786, 15.3781

Deuteranomaly

21.1547, 18.7955, 12.8688

Tritanomaly

25.4004, 18.9090, 14.1154

Monochromacy



Original Color

25.0708, 18.8953, 13.1522

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8741, 18.5090, 17.8543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0708, 18.8953, 13.1522 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(180, 96, 95)` looks like.

```
.text, #text, p{  
    color:rgb(180, 96, 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(180, 96, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 96, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.0708, 18.8953, 13.1522 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(180, 96, 95) }
```


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

```
.border{ border-color:rgb(180, 96, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 96, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 96, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 96, 95);  
box-shadow:4px 4px 4px 4px rgb(180, 96,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0708, 18.8953, 13.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 96, 95) }
```

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

```
.background{ background-color: rgb(180, 96,  
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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