

Converting Colors

XYZ(25.5270, 18.7572, 11.9479)

Have a look what the booklet for
XYZ(25.5270, 18.7572, 11.9479)
contains.

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Color

**XYZ(25.5270, 18.7572,
11.9479)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B85D5A |
| RGB | 184, 93, 90 |
| RGB Percent | 72%, 36%, 35% |
| CMY | 0.2784, 0.6353, 0.6471 |
| CMYK | 0.00, 0.49, 0.51, 0.28 |
| HSL | 2°, 40%, 54% |
| HSV | 2°, 51%, 72% |
| XYZ | 25.5270, 18.7572, 11.9479 |
| YIQ | 119.8670, 55.1990, 18.3590 |

Conversions

Conversions Part 2

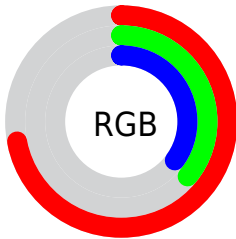
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 184, 93, 90 |
| Decimal | 12082522 |
| CIELab | 50.40, 36.38, 18.74 |
| CIELCh | 50, 40.921, 27.249 |
| Yxy | 18.7572, 0.4540, 0.3336 |
| Android (android.graphics.Color) | 4290272602 (0xFFB85D5A) |
| YUV | 119.8670, -14.7244, 56.2446 |
| Hunter-Lab | 43.3096, 29.4175, 13.9603 |

Details

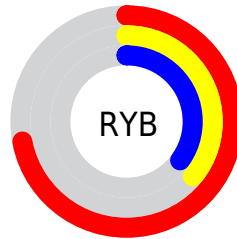
The XYZ color **25.5270, 18.7572, 11.9479** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.3911, 38.6802, 51.2643**, and the grayscale version is **17.8438, 18.7731, 20.4439**.

A 20% lighter version of the original color is **51.8212, 41.1989, 30.0319**, and **10.0709, 6.4216, 3.0916** is the 20% darker color. If you saturate the color by 10%, you get **23.4531, 15.7115, 7.8593**, and if you desaturate by 10%, it is **28.1598, 22.6106, 17.1795**.

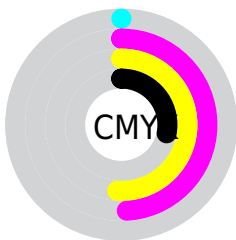
Distribution



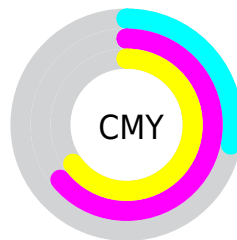
- Red (72%)
- Green (36%)
- Blue (35%)



- Red (72%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (49%)
- Yellow (51%)
- Black (28%)



- Cyan (28%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5270, 18.7572, 11.9479 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 25.5270, 18.7572, 11.9479 by changing the saturation by 10% instead.

■ 25.5270, 18.7572,
11.9479

■ 25.5270, 18.7572,
11.9479

272.7518,
245.1051, 215.0257

■ 16.6009, 11.4950,
6.5861

■ 51.9477, 41.3234,
30.0632

■ 10.0439, 6.4008,
3.1301

■ 70.1730, 57.3962,
43.6537

■ 5.4906, 3.0903,
1.1615

■ 92.2287, 77.1746,
60.8242

■ 2.5756, 1.1791,
0.0000

■ 118.4803,
101.0431, 81.9933

■ 0.9335, 0.0445,
0.0000

■ 149.2930,
129.3859, 107.5794

■ 0.0000, 0.0000,
0.0000

185.0323,

162.5876, 138.0012

226.0635,
201.0325, 173.6771

■ 25.5270, 18.7572,
11.9479

■ 25.5270, 18.7572,
11.9479

■ 23.4531, 15.7115,
7.8593

■ 28.1598, 22.6106,
17.1795

■ 21.8965, 13.4134,
4.8274

■ 31.3864, 27.3204,
23.6297

■ 20.8120, 11.7993,
2.7552

■ 35.2405, 32.9348,
31.3689

■ 20.1460, 10.7936,
1.5276

■ 39.7527, 39.4977,
40.4618

■ 19.8310, 10.3180,
0.9464

■ 44.9519, 47.0501,
50.9686

■ 50.8650, 55.6305,
62.9463

■ 57.5177, 65.2755,
76.4482

■ 64.9342, 76.0199,
91.5254

■ 73.0410, 87.8580,
107.7164

Harmonies

Analogous

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



26.6087, 18.7572, 21.4927



25.5270, 18.7572, 11.9479



22.2932, 18.7572, 6.9870

Triad

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



25.5270, 18.7572, 11.9479



12.1393, 18.7572, 10.7191



17.4636, 18.7572, 51.0368

Complementary

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



25.5270, 18.7572, 11.9479



29.3911, 38.6802, 51.2643

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.



14.0031, 18.7572, 44.9331



25.5270, 18.7572, 11.9479



11.2291, 18.7572, 19.3902

Square

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



25.5270, 18.7572, 11.9479



14.5512, 18.7572, 6.4854



11.8575, 18.7572, 32.1807



21.5634, 18.7572, 46.7348

Rectangle

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



25.5270, 18.7572, 11.9479



19.5697, 18.7572, 5.6448



11.8575, 18.7572, 32.1807



16.1931, 18.7572, 50.0945

Sweetspot

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



25.5275, 18.7582, 11.9482



68.5080, 66.4323, 66.1785



31.9117, 20.8981, 46.8429



14.4013, 13.7868, 13.5261



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.5275, 18.7582, 11.9482



42.2130, 28.0365, 13.6552



30.7827, 29.2686, 13.7000



9.0270, 9.0570, 9.3793



13.6773, 7.1310, 0.6556



0.4900, 0.2670, 0.0257

Inverse Universe

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



29.3911, 38.6802, 51.2643



49.9627, 68.0575, 92.7077



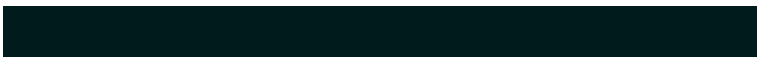
21.5928, 23.0836, 48.6649



9.2414, 10.1600, 11.5534



16.9615, 24.3826, 35.0654



0.6057, 0.8750, 1.2387

Previews

White Background



This preview shows how the XYZ color 25.5270, 18.7572, 11.9479 looks on a white background.

Color Contrast Check

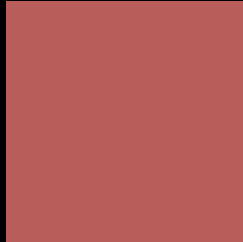
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5270, 18.7572, 11.9479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

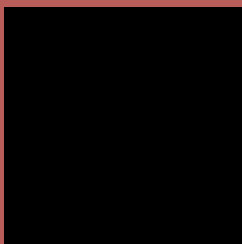
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5270, 18.7572, 11.9479

Background



This preview shows how black text looks on a background with the XYZ color 25.5270, 18.7572, 11.9479.



This preview shows how white text looks on a background with the XYZ color 25.5270, 18.7572,

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

25.5270, 18.7572, 11.9479

Protanopia

17.9170, 18.9242, 15.5404

Deuteranopia

19.1381, 18.7730, 11.4190



Tritanopia

26.0393, 18.8504, 13.8213

Trichromacy



Original Color

25.5270, 18.7572, 11.9479

Protanomaly

19.9933, 18.3296, 14.0395

Deuteranomaly

21.0785, 18.4726, 11.4714

Tritanomaly

25.9003, 18.7948, 13.0891

Monochromacy



Original Color

25.5270, 18.7572, 11.9479

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.6639, 18.0956, 16.9244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5270, 18.7572, 11.9479 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(184, 93, 90)` looks like.

```
.text, #text, p{  
    color:rgb(184, 93, 90)  
}
```

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(184, 93, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 93, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.5270, 18.7572, 11.9479 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(184, 93, 90) }
```


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

```
.border{ border-color:rgb(184, 93, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 93, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 93, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 93, 90);  
box-shadow:4px 4px 4px 4px rgb(184, 93,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5270, 18.7572, 11.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 93, 90) }
```

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

```
.background{ background-color: rgb(184, 93,  
90) }
```

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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