

Converting Colors

XYZ(24.4553, 18.2027, 10.3293)

Have a look what the booklet for
XYZ(24.4553, 18.2027, 10.3293)
contains.

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Color

**XYZ(24.5317, 18.2770,
10.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	B55D53
RGB	181, 93, 83
RGB Percent	71%, 36%, 33%
CMY	0.2902, 0.6353, 0.6745
CMYK	0.00, 0.49, 0.54, 0.29
HSL	6°, 40%, 52%
HSV	6°, 54%, 71%
XYZ	24.5317, 18.2770, 10.4185
YIQ	118.1720, 55.6580, 15.5460

Conversions

Conversions Part 2

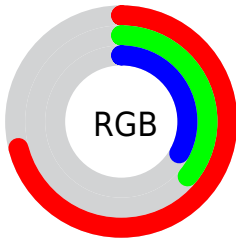
Format	Color
RYB	181, 94, 83
Decimal	11885907
CIELab	49.83, 34.59, 22.02
CIELCh	50, 41.010, 32.482
Yxy	18.2770, 0.4609, 0.3434
Android (android.graphics.Color)	4290075987 (0xFFB55D53)
YUV	118.1720, -17.3398, 55.1002
Hunter-Lab	42.7516, 27.6114, 15.4772

Details

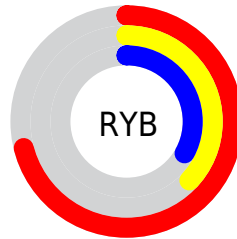
The XYZ color **24.5317, 18.2770, 10.4185** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.4697, 34.2990, 48.9410**, and the grayscale version is **17.3148, 18.2165, 19.8378**.

A 20% lighter version of the original color is **50.2942, 40.4695, 27.3509**, and **9.5259, 6.1528, 2.5193** is the 20% darker color. If you saturate the color by 10%, you get **22.6439, 15.4775, 6.7800**, and if you desaturate by 10%, it is **26.9060, 21.7576, 15.1194**.

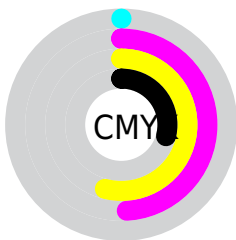
Distribution



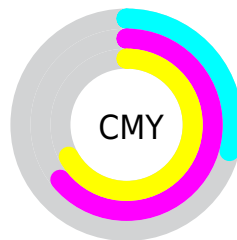
- Red (71%)
- Green (36%)
- Blue (33%)



- Red (71%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (29%)




- Cyan (29%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5317, 18.2770, 10.4185 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 24.5317, 18.2770, 10.4185 by changing the saturation by 10% instead.


 24.5317, 18.2770,
10.4185


 24.5317, 18.2770,
10.4185


267.8885,
242.4278, 204.2256


 15.8554, 11.1490,
5.5681


 50.3449, 40.5088,
27.1998


 9.5121, 6.1672,
2.5198


 68.2124, 56.3814,
39.9677


 5.1364, 2.9470,
0.8506

 89.8744, 75.9376,
56.2119

 2.3631, 1.1041,
0.0000

 115.6962, 99.5619,
76.3509

 0.8267, 0.0000,
0.0000

 146.0432,
127.6387, 100.8032

 0.0000, 0.0000,
0.0000

181.2806,

160.5524, 129.9874

221.7740,
198.6872, 164.3220

■ 24.5317, 18.2770,
10.4185

■ 24.5317, 18.2770,
10.4185

■ 22.6439, 15.4775,
6.7800

■ 26.9060, 21.7576,
15.1194

■ 21.2073, 13.3118,
4.1200

■ 29.7961, 25.9571,
20.9559

■ 20.1840, 11.7309,
2.3436

■ 33.2305, 30.9138,
27.9957

■ 19.5292, 10.6773,
1.3363

■ 37.2353, 36.6623,
36.3011

■ 19.2801, 10.2720,
0.9665

■ 41.8348, 43.2353,
45.9300

■ 47.0521, 50.6636,
56.9366

■ 52.9087, 58.9764,
69.3724

■ 59.4255, 68.2014,
83.2858

■ 66.6222, 78.3653,
98.7234

Harmonies

Analogous

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



26.0357, 18.2770, 18.9810



24.5317, 18.2770, 10.4185



21.0894, 18.2770, 6.2452

Triad

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



24.5317, 18.2770, 10.4185



11.5114, 18.2770, 11.5051



17.6999, 18.2770, 50.1675

Complementary

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



24.5317, 18.2770, 10.4185



26.4697, 34.2990, 48.9410

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.



14.1189, 18.2770, 45.8166



24.5317, 18.2770, 10.4185



10.8809, 18.2770, 20.8493

Square

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



24.5317, 18.2770, 10.4185



13.6326, 18.2770, 6.6865



11.7611, 18.2770, 33.8783



21.7388, 18.2770, 44.2073

Rectangle

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



24.5317, 18.2770, 10.4185



18.3760, 18.2770, 5.2606



11.7611, 18.2770, 33.8783



16.4047, 18.2770, 49.8621

Sweetspot

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



24.5321, 18.2780, 10.4188



65.0768, 63.3532, 61.6602



29.5190, 18.9582, 40.7314



13.7440, 13.2320, 12.6592



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.



24.5321, 18.2780, 10.4188



39.9938, 26.8802, 11.0851



30.2606, 29.7348, 12.3283



8.5639, 8.6403, 8.8689



13.3166, 7.1317, 0.6747



0.4416, 0.2696, 0.0288

Inverse Universe

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



26.4697, 34.2990, 48.9410



43.7668, 58.4536, 87.2705



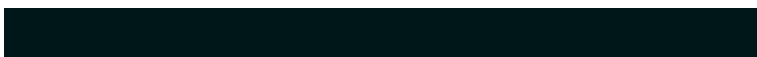
18.8920, 19.1435, 46.4151



8.6671, 9.4803, 10.8794



14.7495, 20.2995, 33.2778



0.4853, 0.6811, 1.0541

Previews

White Background



This preview shows how the XYZ color 24.5317, 18.2770, 10.4185 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 24.5317, 18.2770, 10.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

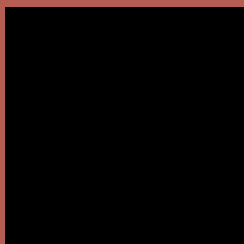
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5317, 18.2770, 10.4185

Background



This preview shows how black text looks on a background with the XYZ color 24.5317, 18.2770, 10.4185.



This preview shows how white text looks on a background with the XYZ color 24.5317, 18.2770,

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

24.5317, 18.2770, 10.4185

Protanopia

17.3696, 18.5138, 13.2477

Deuteranopia

18.7563, 18.4388, 9.9676



Tritanopia

25.1902, 18.2903, 13.5120

Trichromacy



Original Color

24.5317, 18.2770, 10.4185

Protanomaly

19.4540, 18.0931, 12.1398

Deuteranomaly

20.5066, 18.0554, 9.9936

Tritanomaly

25.0503, 18.3721, 12.3511

Monochromacy



Original Color

24.5317, 18.2770, 10.4185

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.0029, 17.6199, 15.7640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5317, 18.2770, 10.4185 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(181, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(181, 93, 83)  
}
```

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(181, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 93, 83) }
```

Border

The CSS property to change the border of an element to XYZ 24.5317, 18.2770, 10.4185 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(181, 93, 83) }
```


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

```
.border{ border-color:rgb(181, 93, 83) }
```

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

Here you see how a box with a 4 pixel rgb(181, 93, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(181, 93,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5317, 18.2770, 10.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 93, 83) }
```

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

```
.background{ background-color: rgb(181, 93,  
83) }
```

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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