

Converting Colors

XYZ(25.3884, 18.8152, 7.8290)

Have a look what the booklet for
XYZ(25.3884, 18.8152, 7.8290)
contains.

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Color

**XYZ(25.4513, 18.8109,
7.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5D44
RGB	187, 93, 68
RGB Percent	73%, 36%, 27%
CMY	0.2667, 0.6353, 0.7333
CMYK	0.00, 0.50, 0.64, 0.27
HSL	13°, 47%, 50%
HSV	13°, 64%, 73%
XYZ	25.4513, 18.8109, 7.7583
YIQ	118.2560, 64.0490, 12.1530

Conversions

Conversions Part 2

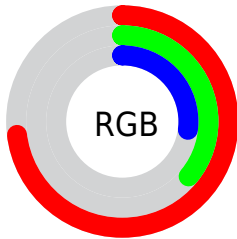
Format	Color
R _Y B	187, 100, 68
Decimal	12279108
CIE Lab	50.47, 35.79, 31.68
CIE LCh	50, 47.795, 41.517
Yxy	18.8109, 0.4893, 0.3616
Android (android.graphics.Color)	4290469188 (0xFFBB5D44)
YUV	118.2560, -24.7762, 60.2885
Hunter-Lab	43.3715, 28.8473, 19.7543

Details

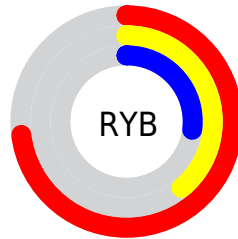
The XYZ color **25.4513, 18.8109, 7.7583** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.2730, 30.6556, 51.6513**, and the grayscale version is **17.3620, 18.2662, 19.8919**.

A 20% lighter version of the original color is **51.6941, 41.3093, 22.0785**, and **9.9206, 6.3788, 1.5190** is the 20% darker color. If you saturate the color by 10%, you get **23.7953, 16.2714, 4.8257**, and if you desaturate by 10%, it is **27.5406, 21.9261, 11.7335**.

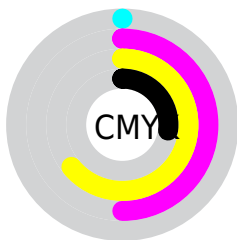
Distribution



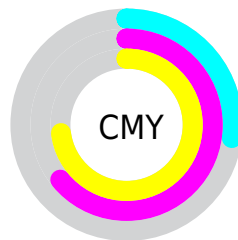
- Red (73%)
- Green (36%)
- Blue (27%)



- Red (73%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (64%)
- Black (27%)



- Cyan (27%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4513, 18.8109, 7.7583 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 25.4513, 18.8109, 7.7583 by changing the saturation by 10% instead.

■ 25.4513, 18.8109,
7.7583

■ 25.4513, 18.8109,
7.7583

272.3844,
245.4028, 183.6870

■ 16.5441, 11.5337,
3.8551

■ 51.8261, 41.4143,
22.0215

■ 10.0033, 6.4270,
1.5462

■ 70.0244, 57.5093,
33.2187

■ 5.4634, 3.1064,
0.2520

■ 92.0504, 77.3124,
47.6842

■ 2.5592, 1.1876,
0.0000

■ 118.2696,
101.2080, 65.8367

■ 0.9252, 0.0515,
0.0000

■ 149.0472,
129.5804, 88.0947

■ 0.0000, 0.0000,
0.0000

184.7486,

162.8141, 114.8767

225.7393,
201.2935, 146.6013

■ 25.4513, 18.8109,
7.7583

■ 25.4513, 18.8109,
7.7583

■ 23.7953, 16.2714,
4.8257

■ 27.5406, 21.9261,
11.7335

■ 22.5389, 14.2683,
2.8351

■ 30.0908, 25.6468,
16.8373

■ 21.6448, 12.7622,
1.6672

■ 33.1288, 30.0044,
23.1476

■ 21.2286, 12.0352,
1.2041

■ 36.6789, 35.0271,
30.7353

■ 40.7636, 40.7415,
39.6657

■ 45.4043, 47.1726,
49.9996

■ 50.6210, 54.3443,
61.7940

■ 56.4328, 62.2792,
75.1029

■ 62.8579, 70.9991,
89.9775

Harmonies

Analogous

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



28.1590, 18.8109, 15.7795



25.4513, 18.8109, 7.7583



20.8688, 18.8109, 4.5229

Triad

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



25.4513, 18.8109, 7.7583



10.6644, 18.8109, 13.3841



19.7259, 18.8109, 57.2543

Complementary

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



25.4513, 18.8109, 7.7583



24.2730, 30.6556, 51.6513

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.



15.1897, 18.8109, 55.6697



25.4513, 18.8109, 7.7583



10.4662, 18.8109, 26.0363

Square

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



25.4513, 18.8109, 7.7583



12.5796, 18.8109, 6.6616



11.9811, 18.8109, 42.5977



24.4906, 18.8109, 46.2874

Rectangle

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



25.4513, 18.8109, 7.7583



17.6434, 18.8109, 4.0600



11.9811, 18.8109, 42.5977



18.1171, 18.8109, 58.2663

Sweetspot

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



25.4517, 18.8119, 7.7586



68.7388, 67.0089, 61.6685



29.1894, 17.3506, 36.5549



14.6872, 14.1252, 12.6005



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.



25.4517, 18.8119, 7.7586



41.7298, 27.7459, 7.1778



32.6518, 33.2121, 10.1587



9.6883, 9.8526, 9.9677



14.6703, 8.3793, 0.8442



0.6229, 0.4247, 0.0491

Inverse Universe

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



24.2730, 30.6556, 51.6513



39.3068, 50.3079, 91.8401



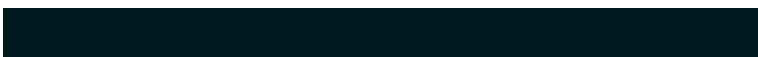
16.2738, 14.6573, 48.9849



9.6338, 10.4599, 12.1834



13.4984, 17.1086, 34.9837



0.5722, 0.7571, 1.3848

Previews

White Background



This preview shows how the XYZ color 25.4513, 18.8109, 7.7583 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 25.4513, 18.8109, 7.7583 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 25.4513, 18.8109, 7.7583

Background



This preview shows how black text looks on a background with the XYZ color 25.4513, 18.8109, 7.7583.



This preview shows how white text looks on a background with the XYZ color 25.4513, 18.8109,

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

25.4513, 18.8109, 7.7583

Protanopia

17.5726, 19.0501, 9.9586

Deuteranopia

19.2689, 18.9275, 7.4883



Tritanopia

26.6700, 18.8081, 13.2910

Trichromacy



Original Color

25.4513, 18.8109, 7.7583

Protanomaly

19.6830, 18.4426, 9.0009

Deuteranomaly

21.1121, 18.5784, 7.4743

Tritanomaly

26.0749, 18.6756, 11.0345

Monochromacy



Original Color

25.4513, 18.8109, 7.7583

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.0966, 17.6970, 14.4660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4513, 18.8109, 7.7583 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(187, 93, 68)` looks like.

```
.text, #text, p{  
    color:rgb(187, 93, 68)  
}
```

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(187, 93, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 93, 68) }
```

Border

The CSS property to change the border of an element to XYZ 25.4513, 18.8109, 7.7583 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(187, 93, 68) }
```


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

```
.border{ border-color:rgb(187, 93, 68) }
```

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

Here you see how a box with a 4 pixel rgb(187, 93, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 93, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 93, 68);  
box-shadow:4px 4px 4px 4px rgb(187, 93,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4513, 18.8109, 7.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 93, 68) }
```

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

```
.background{ background-color: rgb(187, 93,  
68) }
```

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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