

Converting Colors

XYZ(23.3922, 17.2740, 6.1043)

Have a look what the booklet for
XYZ(23.3922, 17.2740, 6.1043)
contains.

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Color

**XYZ(23.3922, 17.2740,
6.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	B5593A
RGB	181, 89, 58
RGB Percent	71%, 35%, 23%
CMY	0.2902, 0.6510, 0.7725
CMYK	0.00, 0.51, 0.68, 0.29
HSL	15°, 51%, 47%
HSV	15°, 68%, 71%
XYZ	23.3922, 17.2740, 6.1043
YIQ	112.9740, 64.7830, 9.8630

Conversions

Conversions Part 2

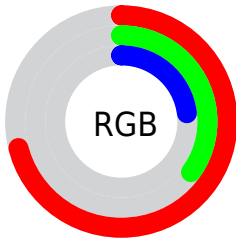
Format	Color
R_{YB}	181, 99, 58
Decimal	11884858
CIE _{Lab}	48.60, 34.88, 34.84
CIE _{LCh}	49, 49.296, 44.970
Yxy	17.2740, 0.5001, 0.3693
Android (android.graphics.Color)	4290074938 (0xFFB5593A)
YUV	112.9740, -27.1022, 59.6588
Hunter-Lab	41.5620, 27.7310, 20.3854

Details

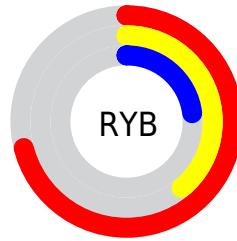
The XYZ color **23.3922, 17.2740, 6.1043** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.9910, 26.0469, 47.6371**, and the grayscale version is **15.7532, 16.5736, 18.0487**.

A 20% lighter version of the original color is **48.4020, 38.7911, 18.5720**, and **8.8242, 5.6177, 1.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.9853, 15.0722, 3.7491**, and if you desaturate by 10%, it is **25.1690, 19.9568, 9.3814**.

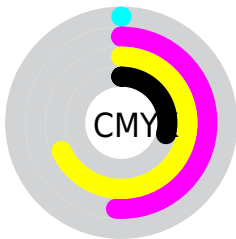
Distribution



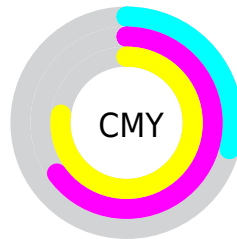
- Red (71%)
- Green (35%)
- Blue (23%)



- Red (71%)
- Yellow (39%)
- Blue (23%)



- Cyan (0%)
- Magenta (51%)
- Yellow (68%)
- Black (29%)





- Cyan (29%)
- Magenta (65%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3922, 17.2740, 6.1043 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 23.3922, 17.2740, 6.1043 by changing the saturation by 10% instead.


 23.3922, 17.2740,
6.1043


 23.3922, 17.2740,
6.1043


262.2309,
236.7464, 169.3367


 15.0057, 10.4300,
2.8388


 48.4985, 38.7963,
18.6284


 8.9097, 5.6850,
1.0129


 65.9489, 54.2434,
28.7241


 4.7390, 2.6545,
0.0000

 87.1513, 73.3270,
41.9335

 2.1281, 0.9541,
0.0000

 112.4711, 96.4315,
58.6753

 0.7044, 0.0000,
0.0000

 142.2736,
123.9413, 79.3680

 0.0000, 0.0000,
0.0000

 176.9242,

156.2408, 104.4301

216.7882,
193.7144, 134.2802

■ 23.3922, 17.2740,
6.1043

■ 23.3922, 17.2740,
6.1043

■ 21.9853, 15.0722,
3.7491

■ 25.1690, 19.9568,
9.3814

■ 20.9178, 13.3186,
2.2173

■ 27.3401, 23.1449,
13.6635

■ 20.1494, 11.9781,
1.3563

■ 29.9293, 26.8641,
19.0251

■ 20.0184, 11.7486,
1.2126

■ 32.9581, 31.1379,
25.5336

■ 36.4461, 35.9879,
33.2508

■ 40.4122, 41.4350,
42.2339

■ 44.8737, 47.4985,
52.5366

■ 49.8475, 54.1974,
64.2095

■ 55.3492, 61.5494,
77.3004

Harmonies

Analogous

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



26.3648, 17.2740, 13.0671



23.3922, 17.2740, 6.1043



18.7850, 17.2740, 3.5305

Triad

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



23.3922, 17.2740, 6.1043



9.3549, 17.2740, 13.0474



18.7754, 17.2740, 54.7178

Complementary

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



23.3922, 17.2740, 6.1043



20.9910, 26.0469, 47.6371

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.



14.2594, 17.2740, 54.7040



23.3922, 17.2740, 6.1043



9.3532, 17.2740, 26.0247

Square

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



23.3922, 17.2740, 6.1043



10.9948, 17.2740, 6.0956



10.9899, 17.2740, 42.5531



23.3840, 17.2740, 42.5849

Rectangle

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



23.3922, 17.2740, 6.1043



15.6745, 17.2740, 3.2870



10.9899, 17.2740, 42.5531



17.1855, 17.2740, 56.2681

Sweetspot

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



23.3926, 17.2749, 6.1046



63.7120, 62.2919, 56.0618



26.0943, 15.0600, 30.4914



13.3911, 12.9369, 11.2751



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.



23.3926, 17.2749, 6.1046



38.2682, 25.1973, 5.0586



30.7660, 32.0218, 8.5624



8.6647, 8.8419, 8.9025



13.8483, 8.1951, 0.8519



0.4831, 0.3526, 0.0426

Inverse Universe

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



20.9910, 26.0469, 47.6371



33.4836, 41.6356, 84.5663



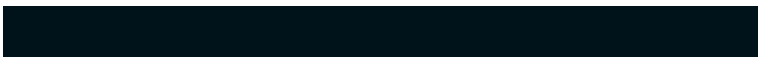
13.6371, 11.3391, 45.1858



8.5577, 9.2616, 10.8430



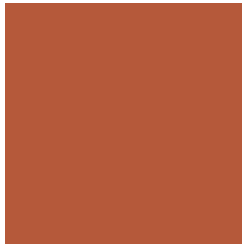
11.8160, 14.4324, 32.3000



0.4150, 0.5406, 1.0307

Previews

White Background



This preview shows how the XYZ color 23.3922, 17.2740, 6.1043 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 23.3922, 17.2740, 6.1043 looks on a black 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

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

XYZ 23.3922, 17.2740, 6.1043

Background



This preview shows how black text looks on a background with the XYZ color 23.3922, 17.2740, 6.1043.



This preview shows how white text looks on a background with the XYZ color 23.3922, 17.2740,

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

23.3922, 17.2740, 6.1043

Protanopia

16.0109, 17.4081, 7.8264

Deuteranopia

17.5462, 17.2485, 5.7727



Tritanopia

24.6653, 17.3196, 11.9405

Trichromacy



Original Color

23.3922, 17.2740, 6.1043

Protanomaly

18.1121, 16.8813, 7.1543

Deuteranomaly

19.3456, 16.9467, 5.8658

Tritanomaly

24.0305, 17.1652, 9.4438

Monochromacy



Original Color

23.3922, 17.2740, 6.1043

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.4073, 16.0942, 12.5450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3922, 17.2740, 6.1043 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, 89, 58)` looks like.

```
.text, #text, p{  
    color:rgb(181, 89, 58)  
}
```

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, 89, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 89, 58) }
```

Border

The CSS property to change the border of an element to XYZ 23.3922, 17.2740, 6.1043 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, 89, 58) }
```


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

```
.border{ border-color:rgb(181, 89, 58) }
```

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

Here you see how a box with a 4 pixel rgb(181, 89, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 89, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 89, 58);  
box-shadow:4px 4px 4px 4px rgb(181, 89,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3922, 17.2740, 6.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 89, 58) }
```

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

```
.background{ background-color: rgb(181, 89,  
58) }
```

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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