

Converting Colors

XYZ(25.6123, 23.1121, 6.9990)

Have a look what the booklet for
XYZ(25.6123, 23.1121, 6.9990)
contains.

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Color

**XYZ(25.5865, 23.0755,
6.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	B17839
RGB	177, 120, 57
RGB Percent	69%, 47%, 22%
CMY	0.3059, 0.5294, 0.7765
CMYK	0.00, 0.32, 0.68, 0.31
HSL	32°, 51%, 46%
HSV	32°, 68%, 69%
XYZ	25.5865, 23.0755, 6.9764
YIQ	129.8610, 54.1950, -7.5090

Conversions

Conversions Part 2

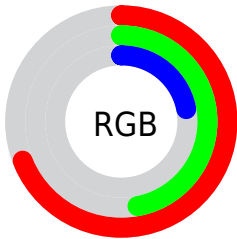
Format	Color
R_{YB}	166, 177, 57
Decimal	11630649
CIE Lab	55.15, 16.16, 42.64
CIE LCh	55, 45.603, 69.240
Yxy	23.0755, 0.4599, 0.4147
Android (android.graphics.Color)	4289820729 (0xFFB17839)
YUV	129.8610, -35.9205, 41.3409
Hunter-Lab	48.0370, 11.0119, 25.0152

Details

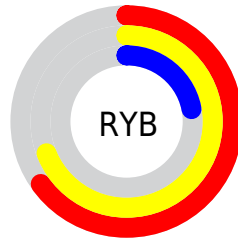
The XYZ color **25.5865, 23.0755, 6.9764** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.6402, 16.0781, 43.8738**, and the grayscale version is **21.2791, 22.3872, 24.3797**.

A 20% lighter version of the original color is **51.9984, 48.3995, 20.5113**, and **10.0318, 8.5127, 1.2867** is the 20% darker color. If you saturate the color by 10%, you get **24.2526, 20.9954, 4.7201**, and if you desaturate by 10%, it is **27.1642, 25.3970, 10.0737**.

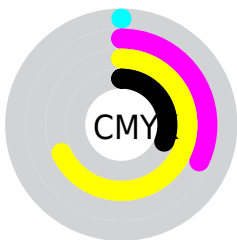
Distribution



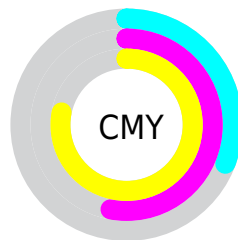
- Red (69%)
- Green (47%)
- Blue (22%)



- Red (65%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (31%)





- Cyan (31%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5865, 23.0755, 6.9764 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 25.5865, 23.0755, 6.9764 by changing the saturation by 10% instead.


 25.5865, 23.0755,
6.9764


 25.5865, 23.0755,
6.9764


273.0404,
268.1125, 177.0910


 16.6456, 14.6493,
3.3691


 52.0432, 48.5173,
20.4378


 10.0759, 8.5736,
1.2861


 70.2897, 66.3016,
31.1290

 5.5119, 4.4641,
0.0503

 92.3688, 87.9741,
45.0185

 2.5885, 1.9364,
0.0000

 118.6458,
113.9191, 62.5250

 0.9401, 0.5701,
0.0000

 149.4861,
144.5211, 84.0669

 0.0000, 0.0000,
0.0000

 185.2551,

180.1644, 110.0629

226.3180,
221.2334, 140.9314

■ 25.5865, 23.0755,
6.9764

■ 25.5865, 23.0755,
6.9764

■ 24.2526, 20.9954,
4.7201

■ 27.1642, 25.3970,
10.0737

■ 23.1417, 19.1421,
3.2142

■ 29.0007, 27.9667,
14.0872

■ 22.2256, 17.5013,
2.3187

■ 31.1113, 30.7949,
19.0853

■ 22.0397, 17.1637,
2.1513

■ 33.5097, 33.8905,
25.1292

■ 36.2083, 37.2615,
32.2753

■ 39.2189, 40.9157,
40.5757

■ 42.5525, 44.8606,
50.0795

■ 46.2195, 49.1032,
60.8326

■ 50.2300, 53.6503,
72.8787

Harmonies

Analogous

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



30.4165, 23.0755, 11.2416



25.5865, 23.0755, 6.9764



20.3987, 23.0755, 6.3750

Triad

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



25.5865, 23.0755, 6.9764



13.6235, 23.0755, 29.8987



28.7221, 23.0755, 53.6754

Complementary

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



25.5865, 23.0755, 6.9764



15.6402, 16.0781, 43.8738

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.



23.5415, 23.0755, 64.1716



25.5865, 23.0755, 6.9764



15.1940, 23.0755, 47.3454

Square

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



25.5865, 23.0755, 6.9764



13.9969, 23.0755, 16.4446



18.6442, 23.0755, 61.4900



32.4124, 23.0755, 36.4234

Rectangle

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



25.5865, 23.0755, 6.9764



17.4921, 23.0755, 7.7486



18.6442, 23.0755, 61.4900



27.0674, 23.0755, 58.3643

Sweetspot

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



25.5870, 23.0767, 6.9768



63.5653, 65.1495, 54.3527



22.6892, 13.5114, 17.6320



13.4852, 13.7574, 11.0066



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.5870, 23.0767, 6.9768



42.4755, 36.0300, 7.0599



34.1398, 40.8535, 9.9573



8.8532, 9.2190, 8.9654



16.0298, 12.5581, 1.5791



0.5623, 0.5110, 0.0690

Inverse Universe

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



15.6402, 16.0781, 43.8738



23.4721, 22.6869, 77.6372



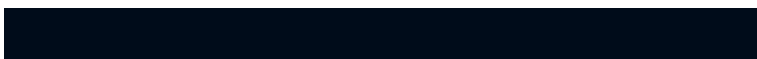
11.2028, 7.0307, 42.3614



8.3638, 8.8737, 10.7783



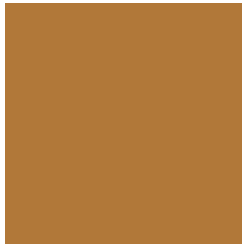
8.1107, 7.0217, 31.0648



0.3137, 0.3380, 0.9969

Previews

White Background



This preview shows how the XYZ color 25.5865, 23.0755, 6.9764 looks on a white background.

Color Contrast Check

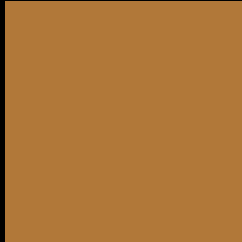
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5865, 23.0755, 6.9764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

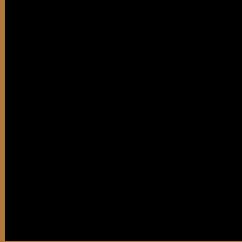
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5865, 23.0755, 6.9764

Background



This preview shows how black text looks on a background with the XYZ color 25.5865, 23.0755, 6.9764.



This preview shows how white text looks on a background with the XYZ color 25.5865, 23.0755,

6.9764.

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

25.5865, 23.0755, 6.9764

Protanopia

21.2625, 23.3150, 7.7945

Deuteranopia

23.4603, 23.0901, 6.8348



Tritanopia

28.4124, 23.0145, 21.0339

Trichromacy



Original Color

25.5865, 23.0755, 6.9764

Protanomaly

22.6353, 23.0337, 7.5279

Deuteranomaly

24.2836, 23.1358, 6.9272

Tritanomaly

27.2724, 23.0759, 14.5720

Monochromacy



Original Color

25.5865, 23.0755, 6.9764

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9417, 22.1040, 15.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5865, 23.0755, 6.9764 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(177, 120, 57)` looks like.

```
.text, #text, p{  
    color:rgb(177, 120, 57)  
}
```

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(177, 120, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 120, 57) }
```

Border

The CSS property to change the border of an element to XYZ 25.5865, 23.0755, 6.9764 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(177, 120, 57) }
```


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

```
.border{ border-color:rgb(177, 120, 57) }
```

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

Here you see how a box with a 4 pixel rgb(177, 120, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 120, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 120, 57);  
box-shadow:4px 4px 4px 4px rgb(177, 120,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5865, 23.0755, 6.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 120, 57) }
```

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

```
.background{ background-color: rgb(177,  
120, 57) }
```

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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