

Converting Colors

XYZ(27.1750, 23.5012, 3.6039)

Have a look what the booklet for
XYZ(27.1750, 23.5012, 3.6039)
contains.

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Color

**XYZ(27.1939, 23.4514,
3.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7510
RGB	188, 117, 16
RGB Percent	74%, 46%, 6%
CMY	0.2627, 0.5412, 0.9372
CMYK	0.00, 0.38, 0.91, 0.26
HSL	35°, 84%, 40%
HSV	35°, 91%, 74%
XYZ	27.1939, 23.4514, 3.5835
YIQ	126.7150, 74.7370, -16.3590

Conversions

Conversions Part 2

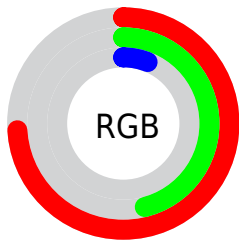
Format	Color
RYB	137, 188, 16
Decimal	12350736
CIELab	55.53, 21.13, 59.24
CIElCh	56, 62.898, 70.369
Yxy	23.4514, 0.5015, 0.4325
Android (android.graphics.Color)	4290540816 (0xFFBC7510)
YUV	126.7150, -54.5825, 53.7469
Hunter-Lab	48.4266, 15.4897, 29.5113

Details

The XYZ color **27.1939, 23.4514, 3.5835** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.6989, 10.5573, 48.9451**, and the grayscale version is **20.2391, 21.2931, 23.1882**.

A 20% lighter version of the original color is **54.4909, 49.0101, 13.0665**, and **11.1204, 8.8014, 1.1127** is the 20% darker color. If you saturate the color by 10%, you get **26.3580, 21.9295, 2.8436**, and if you desaturate by 10%, it is **28.3434, 25.4195, 4.9876**.

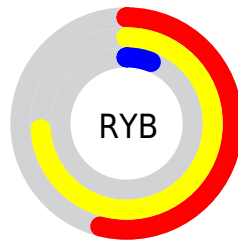
Distribution



Red (74%)

Green (46%)

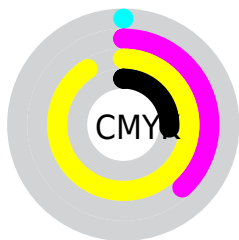
Blue (6%)



Red (54%)

Yellow (74%)

Blue (6%)

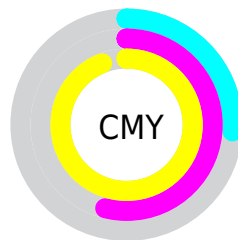


Cyan (0%)

Magenta (38%)

Yellow (91%)

Black (26%)



Cyan (26%)


Magenta (54%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1939, 23.4514, 3.5835 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 27.1939, 23.4514, 3.5835 by changing the saturation by 10% instead.


 27.1939, 23.4514,
3.5835


 27.1939, 23.4514,
3.5835


280.7452,
270.0351, 143.4769


 17.8562, 14.9272,
1.3998


 54.6126, 49.1335,
13.0372


 10.9459, 8.7683,
0.1415


 73.4243, 67.0601,
21.1442


 6.0975, 4.5904,
0.0000


 96.1247, 88.8897,
32.0628

 2.9457, 2.0090,
0.0000

 123.0792,
115.0065, 46.2113

 1.1251, 0.6127,
0.0000

 154.6532,
145.7951, 64.0085


 0.0460, 0.0000,
0.0000


 191.2119,


 0.0000, 0.0000,


181.6398, 85.8728


0.0000


 233.1208,
222.9250, 112.2228


 27.1939, 23.4514,
3.5835


 27.1939, 23.4514,
3.5835


 26.3580, 21.9295,
2.8436

 28.3434, 25.4195,
4.9876

 29.7183, 27.5994,
7.2025

 31.3418, 30.0043,
10.3399

 33.2332, 32.6444,
14.4934

 35.4096, 35.5290,
19.7448

■ 37.8863, 38.6669,
26.1676

■ 40.6775, 42.0660,
33.8289

■ 43.7964, 45.7340,
42.7907

■ 47.2552, 49.6781,
53.1106

Harmonies

Analogous

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



34.3815, 23.4514, 7.6691



27.1939, 23.4514, 3.5835



19.9238, 23.4514, 3.1604

Triad

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



27.1939, 23.4514, 3.5835



11.3842, 23.4514, 33.2309



32.3438, 23.4514, 68.3611

Complementary

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



27.1939, 23.4514, 3.5835



12.6989, 10.5573, 48.9451

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.



24.8362, 23.4514, 86.4633



27.1939, 23.4514, 3.5835



13.4287, 23.4514, 60.1160

Square

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



27.1939, 23.4514, 3.5835



11.7524, 23.4514, 14.5301



18.0140, 23.4514, 82.8335



37.7643, 23.4514, 41.0365

Rectangle

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



27.1939, 23.4514, 3.5835



16.0804, 23.4514, 4.4843



18.0140, 23.4514, 82.8335



29.9218, 23.4514, 76.2459

Sweetspot

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



27.1944, 23.4526, 3.5839



70.6397, 72.5122, 52.7642



22.6721, 11.7612, 10.2361



14.8312, 15.1510, 10.3734



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.



27.1944, 23.4526, 3.5839



47.5225, 39.2486, 5.0710



35.4580, 44.9641, 7.3005



9.9831, 10.4422, 10.0660



18.0207, 15.0801, 1.9610



0.7689, 0.7168, 0.0978

Inverse Universe

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



12.6989, 10.5573, 48.9451



21.1090, 15.8966, 88.1820



9.8078, 4.2827, 47.8864



9.3313, 9.8549, 12.0826



8.0854, 6.2824, 33.1794



0.3813, 0.3753, 1.3212

Previews

White Background



This preview shows how the XYZ color 27.1939, 23.4514, 3.5835 looks on a white background.

Color Contrast Check

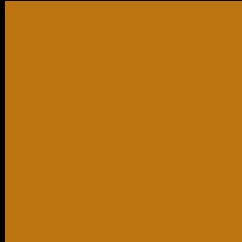
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1939, 23.4514, 3.5835 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 27.1939, 23.4514, 3.5835

Background



This preview shows how black text looks on a background with the XYZ color 27.1939, 23.4514, 3.5835.



This preview shows how white text looks on a background with the XYZ color 27.1939, 23.4514,

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

27.1939, 23.4514, 3.5835

Protanopia

21.2381, 23.5884, 4.1431

Deuteranopia

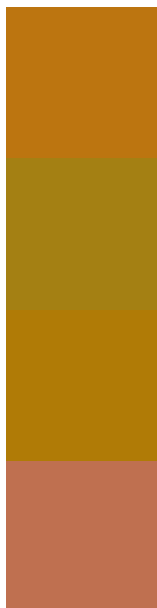
23.9516, 23.6138, 3.2955



Tritanopia

30.4178, 23.4281, 19.7485

Trichromacy



Original Color

27.1939, 23.4514, 3.5835

Protanomaly

23.1466, 23.3779, 3.9085

Deuteranomaly

25.0203, 23.4092, 3.3720

Tritanomaly

28.7280, 23.2439, 10.5618

Monochromacy



Original Color

27.1939, 23.4514, 3.5835

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.1977, 21.2436, 12.0000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1939, 23.4514, 3.5835 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(188, 117, 16)` looks like.

```
.text, #text, p{  
    color:rgb(188, 117, 16)  
}
```

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(188, 117, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 117, 16) }
```

Border

The CSS property to change the border of an element to XYZ 27.1939, 23.4514, 3.5835 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(188, 117, 16) }
```


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

```
.border{ border-color:rgb(188, 117, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 117, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 117, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 117, 16);  
box-shadow:4px 4px 4px 4px rgb(188, 117,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1939, 23.4514, 3.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 117, 16) }
```

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

```
.background{ background-color: rgb(188,  
117, 16) }
```

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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