

Converting Colors

XYZ(27.2313, 23.6580, 13.5974)

Have a look what the booklet for
XYZ(27.2313, 23.6580, 13.5974)
contains.

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Color

**XYZ(27.1630, 23.5677,
13.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	B3775D
RGB	179, 119, 93
RGB Percent	70%, 47%, 36%
CMY	0.2980, 0.5333, 0.6353
CMYK	0.00, 0.34, 0.48, 0.30
HSL	18°, 36%, 53%
HSV	18°, 48%, 70%
XYZ	27.1630, 23.5677, 13.4733
YIQ	133.9760, 44.1060, 4.6340

Conversions

Conversions Part 2

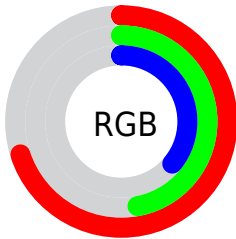
Format	Color
R_{YB}	179, 130, 93
Decimal	11761501
CIE Lab	55.65, 20.50, 23.88
CIE LCh	56, 31.467, 49.353
Yxy	23.5677, 0.4231, 0.3671
Android (android.graphics.Color)	4289951581 (0xFFB3775D)
YUV	133.9760, -20.2012, 39.4860
Hunter-Lab	48.5466, 14.9186, 17.5276

Details

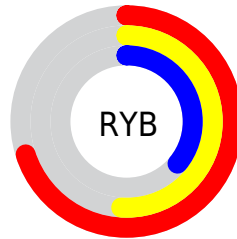
The XYZ color **27.1630, 23.5677, 13.4733** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.0415, 28.3629, 46.8551**, and the grayscale version is **22.7123, 23.8951, 26.0217**.

A 20% lighter version of the original color is **54.7116, 49.5232, 33.0609**, and **10.8716, 8.7965, 3.8142** is the 20% darker color. If you saturate the color by 10%, you get **25.0713, 20.5081, 9.3118**, and if you desaturate by 10%, it is **29.6367, 27.0944, 18.6781**.

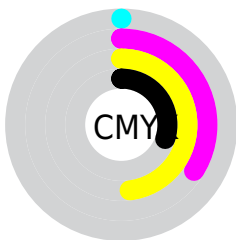
Distribution



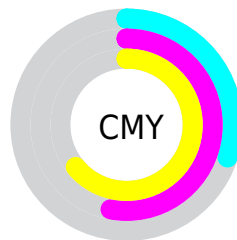
- Red (70%)
- Green (47%)
- Blue (36%)



- Red (70%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (48%)
- Black (30%)





- Cyan (30%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1630, 23.5677, 13.4733 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 27.1630, 23.5677, 13.4733 by changing the saturation by 10% instead.


 27.1630, 23.5677,
13.4733


 27.1630, 23.5677,
13.4733


280.5986,
270.6276, 225.2424


 17.8329, 15.0133,
7.6207

 54.5634, 49.3238,
32.8551


 10.9290, 8.8287,
3.7690


 73.3643, 67.2943,
47.2213

 6.0861, 4.6296,
1.4995


 96.0530, 89.1722,
65.2626

 2.9387, 2.0316,
0.2175

 122.9946,
115.3420, 87.3974

 1.1214, 0.6257,
0.0000

154.5547,
146.1880, 114.0442

 0.0429, 0.0000,
0.0000

191.0985,

 0.0000, 0.0000,

182.0947, 145.6216

0.0000

232.9913,
223.4464, 182.5482

■ 27.1630, 23.5677,
13.4733

■ 27.1630, 23.5677,
13.4733

■ 25.0713, 20.5081,
9.3118

■ 29.6367, 27.0944,
18.6781

■ 23.3393, 17.8919,
6.1206

■ 32.5098, 31.1038,
24.9898

■ 21.9445, 15.6980,
3.8191

■ 35.8004, 35.6150,
32.4684

■ 20.8610, 13.9024,
2.3131

■ 39.5251, 40.6449,
41.1692

■ 20.0514, 12.4751,
1.4516

■ 43.6996, 46.2097,
51.1440

■ 19.9153, 12.2337,
1.3117

■ 48.3387, 52.3248,
62.4415

■ 53.4565, 59.0051,
75.1079

■ 59.0664, 66.2647,
89.1872

■ 65.1816, 74.1173,
104.7212

Harmonies

Analogous

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



29.5013, 23.5677, 19.6961



27.1630, 23.5677, 13.4733



23.6894, 23.5677, 10.8115

Triad

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



27.1630, 23.5677, 13.4733



16.3227, 23.5677, 22.2061



24.7468, 23.5677, 48.9646

Complementary

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



27.1630, 23.5677, 13.4733



24.0415, 28.3629, 46.8551

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.



21.1590, 23.5677, 50.1594



27.1630, 23.5677, 13.4733



16.5415, 23.5677, 32.7233

Square

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



27.1630, 23.5677, 13.4733



17.5967, 23.5677, 14.8901



18.2298, 23.5677, 43.5999



28.0073, 23.5677, 40.6710

Rectangle

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



27.1630, 23.5677, 13.4733



21.3060, 23.5677, 10.7683



18.2298, 23.5677, 43.5999



23.5316, 23.5677, 50.2797

Sweetspot

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



27.1636, 23.5689, 13.4738



66.5646, 67.1046, 63.8203



28.2711, 19.7191, 32.5398



14.4399, 14.4505, 13.4254



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.



27.1636, 23.5689, 13.4738



44.5853, 36.2581, 16.0709



33.4513, 36.1442, 15.5696



8.6989, 8.9104, 8.9139



14.1242, 8.7470, 0.9439



0.4970, 0.3805, 0.0472

Inverse Universe

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



24.0415, 28.3629, 46.8551



38.2596, 45.8117, 83.2072



18.2486, 16.7771, 44.9241



8.5214, 9.1891, 10.8309



10.9800, 12.7604, 32.0213



0.3938, 0.4982, 1.0236

Previews

White Background



This preview shows how the XYZ color 27.1630, 23.5677, 13.4733 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 27.1630, 23.5677, 13.4733 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 27.1630, 23.5677, 13.4733

Background



This preview shows how black text looks on a background with the XYZ color 27.1630, 23.5677, 13.4733.



This preview shows how white text looks on a background with the XYZ color 27.1630, 23.5677,

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

27.1630, 23.5677, 13.4733

Protanopia

22.1049, 23.7907, 15.2314

Deuteranopia

24.1047, 23.6673, 13.1953



Tritanopia

28.9973, 23.6366, 21.7729

Trichromacy



Original Color

27.1630, 23.5677, 13.4733

Protanomaly

23.7182, 23.6315, 14.6205

Deuteranomaly

25.2017, 23.6554, 13.3629

Tritanomaly

28.2261, 23.4844, 18.3745

Monochromacy



Original Color

27.1630, 23.5677, 13.4733

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.7577, 23.5165, 20.7397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1630, 23.5677, 13.4733 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(179, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(179, 119, 93)  
}
```

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(179, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 119, 93) }
```

Border

The CSS property to change the border of an element to XYZ 27.1630, 23.5677, 13.4733 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(179, 119, 93) }
```


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

```
.border{ border-color:rgb(179, 119, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 119, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(179, 119,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1630, 23.5677, 13.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 119, 93) }
```

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

```
.background{ background-color: rgb(179,  
119, 93) }
```

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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