

Converting Colors

XYZ(26.9605, 23.1642, 5.8720)

Have a look what the booklet for
XYZ(26.9605, 23.1642, 5.8720)
contains.

XYZ(27.0286, 23.1433, 5.8388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.0286, 23.1433,
5.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7430
RGB	186, 116, 48
RGB Percent	73%, 45%, 19%
CMY	0.2706, 0.5451, 0.8118
CMYK	0.00, 0.38, 0.74, 0.27
HSL	30°, 59%, 46%
HSV	30°, 74%, 73%
XYZ	27.0286, 23.1433, 5.8388
YIQ	129.1780, 63.5480, -6.3080

Conversions

Conversions Part 2

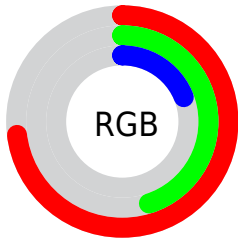
Format	Color
R _Y B	186, 182, 48
Decimal	12219440
CIE Lab	55.22, 21.82, 47.37
CIE LCh	55, 52.156, 65.270
Yxy	23.1433, 0.4826, 0.4132
Android (android.graphics.Color)	4290409520 (0xFFBA7430)
YUV	129.1780, -40.0208, 49.8329
Hunter-Lab	48.1075, 16.0999, 26.4792

Details

The XYZ color **27.0286, 23.1433, 5.8388** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **16.5598, 17.1294, 48.8876**, and the grayscale version is **21.0496, 22.1459, 24.1168**.

A 20% lighter version of the original color is **54.2133, 48.4799, 18.0555**, and **10.9092, 8.6035, 1.0857** is the 20% darker color. If you saturate the color by 10%, you get **25.6895, 20.9560, 3.8795**, and if you desaturate by 10%, it is **28.6402, 25.6183, 8.6831**.

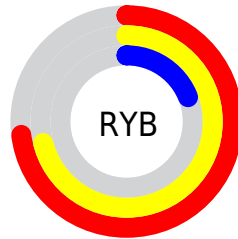
Distribution



Red (73%)

Green (45%)

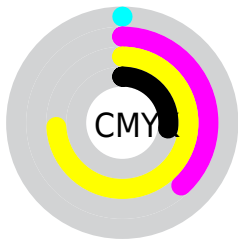
Blue (19%)



Red (73%)

Yellow (71%)

Blue (19%)

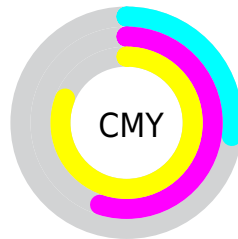


Cyan (0%)

Magenta (38%)

Yellow (74%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0286, 23.1433, 5.8388 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 27.0286, 23.1433, 5.8388 by changing the saturation by 10% instead.


 27.0286, 23.1433,
5.8388


 27.0286, 23.1433,
5.8388


279.9606,
268.4602, 166.8796


 17.7314, 14.6994,
2.6801


 54.3493, 48.6285,
18.0672


 10.8558, 8.6087,
0.9334


 73.1036, 66.4386,
27.9741


 6.0366, 4.4868,
0.0000


 95.7408, 88.1395,
40.9673

 2.9082, 1.9494,
0.0000

 122.6265,
114.1156, 57.4656

 1.1054, 0.5778,
0.0000

 154.1260,
144.7513, 77.8875

 0.0296, 0.0000,
0.0000

 190.6046,

 0.0000, 0.0000,

180.4311, 102.6514

0.0000

232.4277,
221.5392, 132.1759

■ 27.0286, 23.1433,
5.8388

■ 27.0286, 23.1433,
5.8388

■ 25.6895, 20.9560,
3.8795

■ 28.6402, 25.6183,
8.6831

■ 24.5962, 19.0375,
2.6889

■ 30.5436, 28.3908,
12.5065

■ 24.0472, 18.0343,
2.2135

■ 32.7581, 31.4744,
17.3925

■ 35.3004, 34.8802,
23.4151

■ 38.1858, 38.6191,
30.6415

■ 41.4288, 42.7010,
39.1337

■ 45.0427, 47.1355,
48.9496

■ 49.0401, 51.9317,
60.1431

■ 53.4332, 57.0984,
72.7654

Harmonies

Analogous

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



32.4792, 23.1433, 10.8335



27.0286, 23.1433, 5.8388



20.9831, 23.1433, 4.8419

Triad

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



27.0286, 23.1433, 5.8388



12.6149, 23.1433, 28.2652



29.1271, 23.1433, 61.5567

Complementary

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



27.0286, 23.1433, 5.8388



16.5598, 17.1294, 48.8876

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.



23.0430, 23.1433, 72.6034



27.0286, 23.1433, 5.8388



14.0543, 23.1433, 48.6598

Square

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



27.0286, 23.1433, 5.8388



13.3041, 23.1433, 14.0118



17.6322, 23.1433, 67.0630



33.8330, 23.1433, 41.1601

Rectangle

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



27.0286, 23.1433, 5.8388



17.5495, 23.1433, 5.8873



17.6322, 23.1433, 67.0630



27.1388, 23.1433, 66.8174

Sweetspot

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



27.0291, 23.1445, 5.8392



70.2403, 71.3058, 58.1798



24.6544, 13.8922, 18.9296



15.1336, 15.2763, 11.9529



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.



27.0291, 23.1445, 5.8392



45.2706, 35.7451, 5.5291



37.8612, 44.8087, 9.4499



9.3602, 9.7234, 9.4904



16.2531, 12.2825, 1.5141



0.6349, 0.5569, 0.0740

Inverse Universe

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



16.5598, 17.1294, 48.8876



25.3120, 24.2634, 87.5506



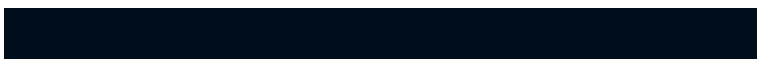
11.2354, 6.4806, 47.1128



8.8875, 9.4522, 11.4355



8.7512, 7.9621, 32.3287



0.3703, 0.4043, 1.1603

Previews

White Background



This preview shows how the XYZ color 27.0286, 23.1433, 5.8388 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 27.0286, 23.1433, 5.8388 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 27.0286, 23.1433, 5.8388

Background



This preview shows how black text looks on a background with the XYZ color 27.0286, 23.1433, 5.8388.



This preview shows how white text looks on a background with the XYZ color 27.0286, 23.1433,

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

27.0286, 23.1433, 5.8388

Protanopia

21.2429, 23.3280, 6.7513

Deuteranopia

23.6604, 23.2182, 5.7171



Tritanopia

29.9147, 23.1688, 19.7250

Trichromacy



Original Color

27.0286, 23.1433, 5.8388

Protanomaly

23.0872, 23.0991, 6.3737

Deuteranomaly

24.6863, 23.0006, 5.7232

Tritanomaly

28.7122, 23.1799, 13.0861

Monochromacy



Original Color

27.0286, 23.1433, 5.8388

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0856, 21.8194, 15.1041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0286, 23.1433, 5.8388 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(186, 116, 48)` looks like.

```
.text, #text, p{  
    color:rgb(186, 116, 48)  
}
```

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(186, 116, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 116, 48) }
```

Border

The CSS property to change the border of an element to XYZ 27.0286, 23.1433, 5.8388 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(186, 116, 48) }
```


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

```
.border{ border-color:rgb(186, 116, 48) }
```

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

Here you see how a box with a 4 pixel rgb(186, 116, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 116, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 116, 48);  
box-shadow:4px 4px 4px 4px rgb(186, 116,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0286, 23.1433, 5.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 116, 48) }
```

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

```
.background{ background-color: rgb(186,  
116, 48) }
```

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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