

Converting Colors

XYZ(30.3659, 26.5711, 8.0334)

Have a look what the booklet for
XYZ(30.3659, 26.5711, 8.0334)
contains.

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Color

**XYZ(30.3227, 26.6070,
8.0949)**

Conversions

Conversions Part 1

Format	Color
Hex	C17E3E
RGB	193, 126, 62
RGB Percent	76%, 49%, 24%
CMY	0.2431, 0.5059, 0.7569
CMYK	0.00, 0.35, 0.68, 0.24
HSL	29°, 51%, 50%
HSV	29°, 68%, 76%
XYZ	30.3227, 26.6070, 8.0949
YIQ	138.7370, 60.4760, -5.7000

Conversions

Conversions Part 2

Format	Color
RYB	193, 187, 62
Decimal	12680766
CIELab	58.61, 20.06, 44.54
CIElCh	59, 48.847, 65.754
Yxy	26.6070, 0.4663, 0.4092
Android (android.graphics.Color)	4290870846 (0xFFC17E3E)
YUV	138.7370, -37.8313, 47.5887
Hunter-Lab	51.5820, 14.6636, 26.8028

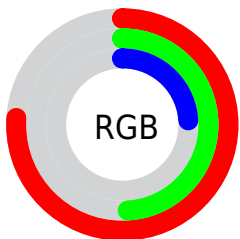
Details

The XYZ color **30.3227, 26.6070, 8.0949** is a dark color, and the websafe version is hex **996633**.

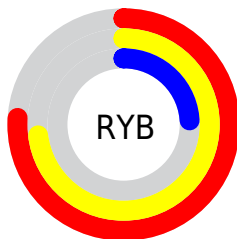
The color can be described as dark muted orange. A complement of this color would be **19.4620, 20.5738, 53.3972**, and the grayscale version is **24.5647, 25.8439, 28.1441**.

A 20% lighter version of the original color is **59.5527, 54.2927, 22.6700**, and **12.7060, 10.4828, 1.6703** is the 20% darker color. If you saturate the color by 10%, you get **28.6838, 24.0316, 5.3837**, and if you desaturate by 10%, it is **32.2754, 29.5094, 11.8388**.

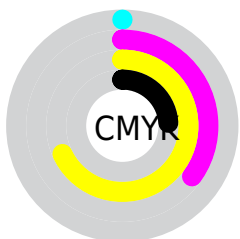
Distribution



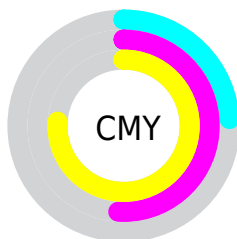
- Red (76%)
- Green (49%)
- Blue (24%)



- Red (76%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (68%)
- Black (24%)





- Cyan (24%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3227, 26.6070, 8.0949 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 30.3227, 26.6070, 8.0949 by changing the saturation by 10% instead.


 30.3227, 26.6070,
8.0949


 30.3227, 26.6070,
8.0949


295.2887,
285.7492, 186.4368


 20.2329, 17.2783,
4.0671


 59.5553, 54.2526,
22.6935


 12.6737, 10.4331,
1.6622


 79.4288, 73.3382,
34.1014

 7.2797, 5.6871,
0.3347


 103.2943, 96.4450,
48.8064

 3.6855, 2.6557,
0.0000

 131.5171,
123.9573, 67.2270

 1.5258, 0.9548,
0.0000

 164.4626,
156.2594, 89.7818

 0.3433, 0.0000,
0.0000

 202.4961,

 0.0000, 0.0000,

193.7359, 116.8894

0.0000

245.9830,
236.7710, 148.9682

■ 30.3227, 26.6070,
8.0949

■ 30.3227, 26.6070,
8.0949

■ 28.6838, 24.0316,
5.3837

■ 32.2754, 29.5094,
11.8388

■ 27.3323, 21.7637,
3.5921

■ 34.5615, 32.7488,
16.7094

■ 26.2337, 19.7844,
2.5539

■ 37.2006, 36.3394,
22.7916

■ 26.0214, 19.3957,
2.3723

■ 40.2102, 40.2935,
30.1615

■ 43.6065, 44.6224,
38.8892

■ 47.4047, 49.3368,
49.0395

■ 51.6188, 54.4471,
60.6730

■ 56.2624, 59.9632,
73.8469

■ 61.3483, 65.8945,
88.6151

Harmonies

Analogous

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



35.8412, 26.6070, 13.6486



30.3227, 26.6070, 8.0949



24.1512, 26.6070, 6.9775

Triad

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



30.3227, 26.6070, 8.0949



15.4689, 26.6070, 32.4072



32.6380, 26.6070, 64.8551

Complementary

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



30.3227, 26.6070, 8.0949



19.4620, 20.5738, 53.3972

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.



26.4623, 26.6070, 75.7765



30.3227, 26.6070, 8.0949



17.0427, 26.6070, 52.8501

Square

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



30.3227, 26.6070, 8.0949



16.1699, 26.6070, 17.4213



20.8460, 26.6070, 70.6843



37.3189, 26.6070, 44.7465

Rectangle

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



30.3227, 26.6070, 8.0949



20.6051, 26.6070, 8.2529



20.8460, 26.6070, 70.6843



30.6342, 26.6070, 70.0208

Sweetspot

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



30.3233, 26.6084, 8.0954



76.5515, 77.9659, 65.6088



27.7230, 16.3861, 22.7097



16.0483, 16.2504, 13.1082



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.3233, 26.6084, 8.0954



50.2490, 41.1899, 8.0425



41.4525, 48.8667, 11.8051



10.4703, 10.8721, 10.6086



17.3869, 13.0596, 1.6044



0.8202, 0.7022, 0.0923

Inverse Universe

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



19.4620, 20.5738, 53.3972



29.5009, 29.6451, 94.5275



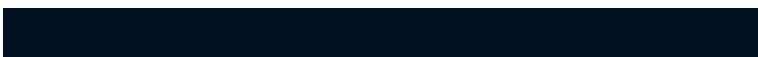
13.4562, 8.5621, 51.3952



9.9446, 10.5806, 12.8029



9.4315, 8.6194, 34.7232



0.4763, 0.5101, 1.5232

Previews

White Background



This preview shows how the XYZ color 30.3227, 26.6070, 8.0949 looks on a white background.

Color Contrast Check

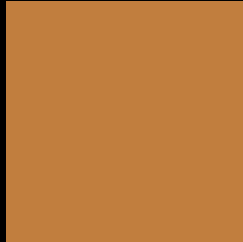
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3227, 26.6070, 8.0949 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 30.3227, 26.6070, 8.0949

Background



This preview shows how black text looks on a background with the XYZ color 30.3227, 26.6070, 8.0949.



This preview shows how white text looks on a background with the XYZ color 30.3227, 26.6070,

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

30.3227, 26.6070, 8.0949

Protanopia

24.5907, 26.9193, 9.2101

Deuteranopia

27.0199, 26.4904, 7.9640



Tritanopia

33.5191, 26.6225, 23.7941

Trichromacy



Original Color

30.3227, 26.6070, 8.0949

Protanomaly

26.3359, 26.5360, 8.7349

Deuteranomaly

28.2500, 26.5146, 8.0438

Tritanomaly

32.2232, 26.6543, 16.5432

Monochromacy



Original Color

30.3227, 26.6070, 8.0949

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6924, 25.5688, 18.6201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3227, 26.6070, 8.0949 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(193, 126, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 62)  
}
```

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(193, 126, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 62) }
```

Border

The CSS property to change the border of an element to XYZ 30.3227, 26.6070, 8.0949 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(193, 126, 62) }
```


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

```
.border{ border-color:rgb(193, 126, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 126, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3227, 26.6070, 8.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 62) }
```

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

```
.background{ background-color: rgb(193,  
126, 62) }
```

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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