

Converting Colors

XYZ(23.5111, 31.5828, 26.9802)

Have a look what the booklet for
XYZ(23.5111, 31.5828, 26.9802)
contains.

XYZ(23.5145, 31.6070, 27.0517)	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(23.5145, 31.6070,
27.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	69A585
RGB	105, 165, 133
RGB Percent	41%, 65%, 52%
CMY	0.5882, 0.3529, 0.4784
CMYK	0.36, 0.00, 0.19, 0.35
HSL	148°, 25%, 53%
HSV	148°, 36%, 65%
XYZ	23.5145, 31.6070, 27.0517
YIQ	143.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

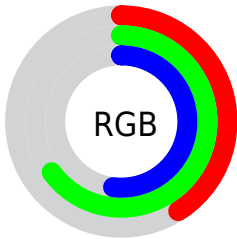
Format	Color
RYB	105, 146, 165
Decimal	6923653
CIELab	63.02, -26.71, 10.51
CIELCh	63, 28.697, 158.527
Yxy	31.6070, 0.2862, 0.3846
Android (android.graphics.Color)	4285113733 (0xFF69A585)
YUV	143.4120, -5.1331, -33.6873
Hunter-Lab	56.2201, -23.7262, 10.8252

Details

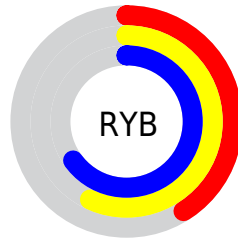
The XYZ color **23.5145, 31.6070, 27.0517** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0851, 19.9094, 26.1891**, and the grayscale version is **26.3011, 27.6708, 30.1335**.

A 20% lighter version of the original color is **48.5567, 62.0007, 55.8625**, and **8.9878, 13.2191, 10.2614** is the 20% darker color. If you saturate the color by 10%, you get **21.1787, 30.4710, 23.9007**, and if you desaturate by 10%, it is **26.2790, 32.9598, 30.4901**.

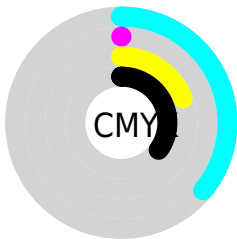
Distribution



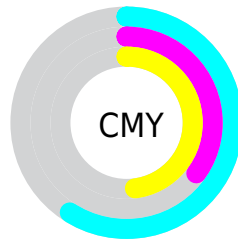
- Red (41%)
- Green (65%)
- Blue (52%)



- Red (41%)
- Yellow (57%)
- Blue (65%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (59%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5145, 31.6070, 27.0517 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 23.5145, 31.6070, 27.0517 by changing the saturation by 10% instead.

■ 23.5145, 31.6070,
27.0517

■ 23.5145, 31.6070,
27.0517

262.8429,
309.3251, 301.6754

■ 15.0967, 21.0615,
17.3793

■ 48.6972, 62.1945,
55.9716

■ 8.9740, 13.1690,
10.3405

■ 66.1928, 83.0052,
76.0561

■ 4.7812, 7.5450,
5.5167

■ 87.4450, 108.0066,
100.4484

■ 2.1529, 3.8052,
2.4895

■ 112.8192,
137.5828, 129.5670

■ 0.7177, 1.5652,
0.8346

142.6808,
172.1184, 163.8305

■ 0.0000, 0.3340,
0.0000

177.3950,

■ 0.0000, 0.0000,

211.9977, 203.6573

0.0000

217.3273,
257.6051, 249.4662

■ 23.5145, 31.6070,
27.0517

■ 23.5145, 31.6070,
27.0517

■ 21.1787, 30.4710,
23.9007

■ 26.2790, 32.9598,
30.4901

■ 19.2459, 29.5362,
21.0274

■ 29.4910, 34.5364,
34.2210

■ 17.6917, 28.7910,
18.4246


■ 33.1711, 36.3481,
38.2520

■ 16.4876, 28.2208,
16.0839


■ 37.3378, 38.4045,
42.5900


■ 15.6009, 27.8090,
13.9964


■ 42.0088, 40.7143,
47.2415


 14.9861, 27.5323,
12.1523

 47.2007, 43.2862,
52.2126

 14.7952, 27.4472,
11.5390

 52.9294, 46.1281,
57.5097

 59.2101, 49.2479,
63.1385

 66.0574, 52.6528,
69.1049

Harmonies

Analogous

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



25.5554, 31.6070, 20.0507



23.5145, 31.6070, 27.0517



23.1401, 31.6070, 37.7411

Triad

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



23.5145, 31.6070, 27.0517



31.1816, 31.6070, 60.7134



36.3823, 31.6070, 22.5680

Complementary

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



23.5145, 31.6070, 27.0517



25.0851, 19.9094, 26.1891

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.



38.1944, 31.6070, 31.2897



23.5145, 31.6070, 27.0517



35.0241, 31.6070, 54.3859

Square

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



23.5145, 31.6070, 27.0517



27.3466, 31.6070, 58.8793



37.6767, 31.6070, 43.0053



32.9079, 31.6070, 17.8844

Rectangle

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



23.5145, 31.6070, 27.0517



23.8515, 31.6070, 45.8807



37.6767, 31.6070, 43.0053



37.2193, 31.6070, 25.0383

Sweetspot

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



23.5154, 31.6083, 27.0524



56.1094, 63.4708, 64.9435



26.4873, 33.3349, 18.4033



12.0848, 13.7865, 13.9982



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.5154, 31.6083, 27.0524



38.5310, 54.8620, 43.6487



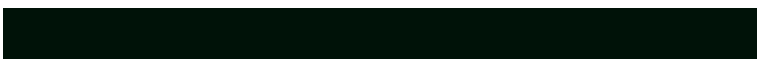
25.8035, 32.5236, 39.1016



7.1167, 7.9475, 8.2261



11.2171, 20.7732, 8.8597



0.2595, 0.4460, 0.3116

Inverse Universe

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



25.0851, 19.9094, 26.1891



41.7771, 30.6582, 41.8548



23.2764, 19.1859, 16.6643



7.2242, 7.1462, 8.1673



13.0969, 6.5948, 7.7010



0.2988, 0.1480, 0.2862

Previews

White Background



This preview shows how the XYZ color 23.5145, 31.6070, 27.0517 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.5145, 31.6070, 27.0517 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 ✓ Pass

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

XYZ 23.5145, 31.6070, 27.0517

Background



This preview shows how black text looks on a background with the XYZ color 23.5145, 31.6070, 27.0517.



This preview shows how white text looks on a background with the XYZ color 23.5145, 31.6070,

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

23.5145, 31.6070, 27.0517

Protanopia

29.3297, 31.1132, 24.1983

Deuteranopia

31.8075, 31.1346, 28.0000



Tritanopia

26.9566, 31.6976, 43.7272

Trichromacy



Original Color

23.5145, 31.6070, 27.0517

Protanomaly

26.6661, 30.9374, 25.3349

Deuteranomaly

28.0479, 30.8559, 27.7701

Tritanomaly

25.6474, 31.6888, 37.1125

Monochromacy



Original Color

23.5145, 31.6070, 27.0517

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.7801, 28.6644, 28.6528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5145, 31.6070, 27.0517 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(105, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(105, 165, 133)  
}
```

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(105, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 165, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.5145, 31.6070, 27.0517 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(105, 165, 133) }
```


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

```
.border{ border-color:rgb(105, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(105, 165,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5145, 31.6070, 27.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 165, 133) }
```

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

```
.background{ background-color: rgb(105,  
165, 133) }
```

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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