

Converting Colors

XYZ(31.4563, 35.6063, 7.5977)

Have a look what the booklet for
XYZ(31.4563, 35.6063, 7.5977)
contains.

XYZ(31.4563, 35.6063, 7.5977)	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(31.4563, 35.6063,
7.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A32C
RGB	176, 163, 44
RGB Percent	69%, 64%, 17%
CMY	0.3098, 0.3608, 0.8274
CMYK	0.00, 0.07, 0.75, 0.31
HSL	54°, 60%, 43%
HSV	54°, 75%, 69%
XYZ	31.4563, 35.6063, 7.5977
YIQ	153.3210, 45.9470, -34.2530

Conversions

Conversions Part 2

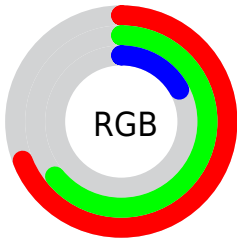
Format	Color
RYB	58, 176, 44
Decimal	11576108
CIELab	66.22, -8.53, 59.42
CIELCh	66, 60.026, 98.173
Yxy	35.6063, 0.4213, 0.4769
Android (android.graphics.Color)	4289766188 (0xFFB0A32C)
YUV	153.3210, -53.8953, 19.8895
Hunter-Lab	59.6710, -10.3258, 34.2205

Details

The XYZ color **31.4563, 35.6063, 7.5977** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.3384, 6.5964, 41.8023**, and the grayscale version is **30.6329, 32.2281, 35.0965**.

A 20% lighter version of the original color is **61.5845, 68.7058, 21.8201**, and **13.5399, 15.5814, 2.2939** is the 20% darker color. If you saturate the color by 10%, you get **30.8878, 34.8914, 6.1079**, and if you desaturate by 10%, it is **32.1709, 36.3892, 9.8290**.

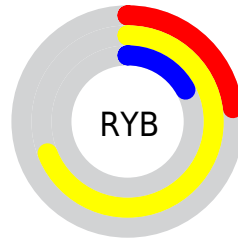
Distribution



Red (69%)

Green (64%)

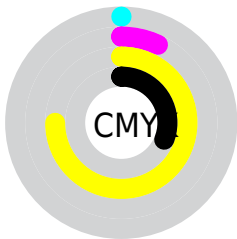
Blue (17%)



Red (23%)

Yellow (69%)

Blue (17%)

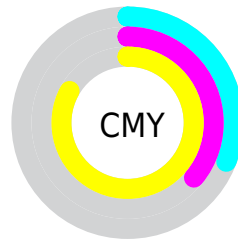


Cyan (0%)

Magenta (7%)

Yellow (75%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4563, 35.6063, 7.5977 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 31.4563, 35.6063, 7.5977 by changing the saturation by 10% instead.

■ 31.4563, 35.6063,
7.5977

■ 31.4563, 35.6063,
7.5977

300.4245,
327.2365, 182.3568

■ 21.1001, 24.1303,
3.7546

■ 61.3287, 68.4240,
21.6989

■ 13.3101, 15.4303,
1.4917

■ 81.5756, 90.5344,
32.7941

■ 7.7209, 9.1219,
0.2117

■ 105.8502,
116.9585, 47.1437

■ 3.9672, 4.8208,
0.0000

■ 134.5177,
148.0805, 65.1662

■ 1.6836, 2.1425,
0.0000

■ 167.9435,
184.2849, 87.2802

■ 0.4460, 0.6884,
0.0000

■ 206.4930,

■ 0.0000, 0.0000,

225.9561, 113.9043

0.0000

250.5316,
273.4785, 145.4570

■ 31.4563, 35.6063,
7.5977

■ 31.4563, 35.6063,
7.5977

■ 30.8878, 34.8914,
6.1079

■ 32.1709, 36.3892,
9.8290

■ 30.4437, 34.2315,
5.2556

■ 33.0450, 37.2412,
12.8829

■ 30.2463, 33.9138,
4.9519

■ 34.0931, 38.1697,
16.8322

■ 35.3274, 39.1795,
21.7411

■ 36.7590, 40.2750,
27.6679

■ 38.3982, 41.4605,
34.6664

■ 40.2543, 42.7396,
42.7864

■ 42.3364, 44.1161,
52.0747

■ 44.6529, 45.5932,
62.5754

Harmonies

Analogous

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



40.6476, 35.6063, 8.6667



31.4563, 35.6063, 7.5977



24.2882, 35.6063, 11.5099

Triad

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



31.4563, 35.6063, 7.5977



22.0438, 35.6063, 77.8691



52.4485, 35.6063, 60.1148

Complementary

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



31.4563, 35.6063, 7.5977



10.3384, 6.5964, 41.8023

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.



45.6225, 35.6063, 91.8064



31.4563, 35.6063, 7.5977



27.8431, 35.6063, 104.8160

Square

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



31.4563, 35.6063, 7.5977



19.5150, 35.6063, 46.2010



36.3469, 35.6063, 110.8078



53.8783, 35.6063, 32.1805

Rectangle

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



31.4563, 35.6063, 7.5977



21.2334, 35.6063, 18.1650



36.3469, 35.6063, 110.8078



50.6576, 35.6063, 70.9731

Sweetspot

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



31.4571, 35.6080, 7.5984



67.4087, 73.5917, 53.3049



19.5489, 11.3292, 5.0541



14.4472, 15.8295, 10.8706



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.4571, 35.6080, 7.5984



55.4681, 62.4841, 9.9452



24.1772, 35.4582, 7.9532



9.1242, 9.7608, 9.0557



22.2163, 24.9313, 3.6413



0.7195, 0.8255, 0.1214

Inverse Universe

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



10.3384, 6.5964, 41.8023



15.4393, 7.6152, 75.1514



13.6461, 7.4669, 41.7960



8.1071, 8.3603, 10.6927



5.9215, 2.6433, 30.3351



0.2082, 0.1269, 0.9618

Previews

White Background



This preview shows how the XYZ color 31.4563, 35.6063, 7.5977 looks on a white background.

Color Contrast Check

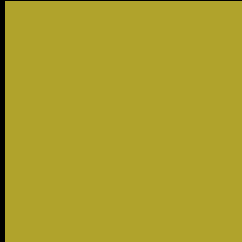
Large Text (above 18pt) WCAG AA × Fail

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 31.4563, 35.6063, 7.5977 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 31.4563, 35.6063, 7.5977

Background



This preview shows how black text looks on a background with the XYZ color 31.4563, 35.6063, 7.5977.



This preview shows how white text looks on a background with the XYZ color 31.4563, 35.6063,

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

31.4563, 35.6063, 7.5977

Protanopia

32.2555, 35.4953, 7.5341

Deuteranopia

36.2819, 35.5524, 7.7463



Tritanopia

37.9367, 35.4511, 39.9652

Trichromacy



Original Color

31.4563, 35.6063, 7.5977

Protanomaly

31.9654, 35.6062, 7.5708

Deuteranomaly

34.5624, 35.6566, 7.7501

Tritanomaly

34.5700, 35.0781, 22.7180

Monochromacy



Original Color

31.4563, 35.6063, 7.5977

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7355, 32.8833, 20.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4563, 35.6063, 7.5977 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(176, 163, 44)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 44)  
}
```

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(176, 163, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 44) }
```

Border

The CSS property to change the border of an element to XYZ 31.4563, 35.6063, 7.5977 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(176, 163, 44) }
```


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

```
.border{ border-color:rgb(176, 163, 44) }
```

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

Here you see how a box with a 4 pixel rgb(176, 163, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 44);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4563, 35.6063, 7.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 44) }
```

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

```
.background{ background-color: rgb(176,  
163, 44) }
```

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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