

Converting Colors

XYZ(26.1803, 31.5022, 6.5797)

Have a look what the booklet for
XYZ(26.1803, 31.5022, 6.5797)
contains.

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Color

**XYZ(26.3034, 31.6681,
6.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9E27
RGB	156, 158, 39
RGB Percent	61%, 62%, 15%
CMY	0.3882, 0.3804, 0.8470
CMYK	0.01, 0.00, 0.75, 0.38
HSL	61°, 60%, 39%
HSV	61°, 75%, 62%
XYZ	26.3034, 31.6681, 6.6457
YIQ	143.8360, 37.0070, -37.4330

Conversions

Conversions Part 2

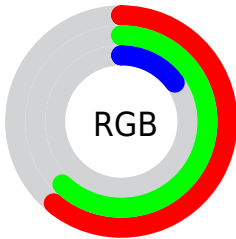
Format	Color
RYB	39, 158, 41
Decimal	10264103
CIELab	63.07, -14.98, 57.58
CIELCh	63, 59.494, 104.580
Yxy	31.6681, 0.4071, 0.4901
Android (android.graphics.Color)	4288454183 (0xFF9C9E27)
YUV	143.8360, -51.6841, 10.6678
Hunter-Lab	56.2744, -15.0470, 32.3903

Details

The XYZ color **26.3034, 31.6681, 6.6457** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.8124, 4.3917, 32.7856**, and the grayscale version is **26.6351, 28.0222, 30.5161**.

A 20% lighter version of the original color is **53.0044, 62.0413, 19.7712**, and **10.6245, 13.2821, 2.0037** is the 20% darker color. If you saturate the color by 10%, you get **26.0431, 31.5592, 5.5403**, and if you desaturate by 10%, it is **26.6743, 31.8236, 8.3267**.

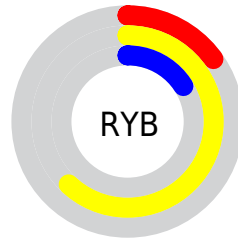
Distribution



Red (61%)

Green (62%)

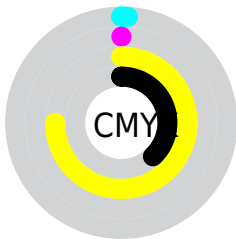
Blue (15%)



Red (15%)

Yellow (62%)

Blue (16%)

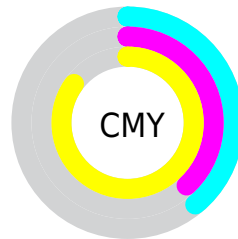


Cyan (1%)

Magenta (0%)

Yellow (75%)

Black (38%)



Cyan (39%)


Magenta (38%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3034, 31.6681, 6.6457 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 26.3034, 31.6681, 6.6457 by changing the saturation by 10% instead.


 26.3034, 31.6681,
6.6457


 26.3034, 31.6681,
6.6457

276.4977,
309.6046, 174.2041


 17.1846, 21.1081,
3.1665


 53.1918, 62.2904,
19.7574


 10.4623, 13.2031,
1.1802


 71.6922, 83.1215,
30.2270


 5.7712, 7.5685,
0.0000


 94.0504, 108.1451,
43.8637

 2.7458, 3.8201,
0.0000

 120.6320,
137.7457, 61.0862

 1.0208, 1.5735,
0.0000

 151.8021,
172.3075, 82.3129

 0.0000, 0.3396,
0.0000

 187.9262,

 0.0000, 0.0000,

212.2149, 107.9624

0.0000

229.3696,
257.8525, 138.4533

■ 26.3034, 31.6681,
6.6457

■ 26.3034, 31.6681,
6.6457

■ 26.0431, 31.5592,
5.5403

■ 26.6743, 31.8236,
8.3267

■ 25.8756, 31.4863,
4.9263

■ 27.1658, 32.0262,
10.6450

■ 25.8110, 31.4577,
4.7116

■ 27.7890, 32.2814,
13.6565

■ 28.5533, 32.5931,
17.4104

■ 29.4672, 32.9647,
21.9515

■ 30.5386, 33.3993,
27.3211

■ 31.7746, 33.8997,
33.5575

■ 33.1823, 34.4688,
40.6967

■ 34.7679, 35.1092,
48.7727

Harmonies

Analogous

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



34.4886, 31.6681, 6.7031



26.3034, 31.6681, 6.6457



20.3357, 31.6681, 11.2855

Triad

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



26.3034, 31.6681, 6.6457



20.2100, 31.6681, 76.8658



47.9960, 31.6681, 47.9320

Complementary

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



26.3034, 31.6681, 6.6457



7.8124, 4.3917, 32.7856

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.



42.5748, 31.6681, 77.6680



26.3034, 31.6681, 6.6457



26.0997, 31.6681, 98.8773

Square

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



26.3034, 31.6681, 6.6457



17.2762, 31.6681, 47.1393



34.2445, 31.6681, 99.2238



48.0778, 31.6681, 24.3199

Rectangle

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



26.3034, 31.6681, 6.6457



17.9892, 31.6681, 18.5061



34.2445, 31.6681, 99.2238



46.6993, 31.6681, 57.7169

Sweetspot

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



26.3041, 31.6696, 6.6464



53.8499, 59.9986, 41.5634



15.2602, 9.0011, 2.8530



12.0009, 13.4700, 8.6737



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.3041, 31.6696, 6.6464



47.0789, 57.2162, 9.2553



17.4728, 27.1168, 6.2330



7.1591, 7.7147, 7.0974



20.6743, 25.1947, 3.7734



0.3728, 0.4521, 0.0676

Inverse Universe

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



7.8124, 4.3917, 32.7856



11.8410, 5.1983, 59.1227



12.2073, 6.6574, 32.9913



6.2946, 6.4403, 8.3180



4.9729, 1.9926, 26.0298



0.0916, 0.0370, 0.4655

Previews

White Background



This preview shows how the XYZ color 26.3034, 31.6681, 6.6457 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 26.3034, 31.6681, 6.6457 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 26.3034, 31.6681, 6.6457

Background



This preview shows how black text looks on a background with the XYZ color 26.3034, 31.6681, 6.6457.



This preview shows how white text looks on a background with the XYZ color 26.3034, 31.6681,

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

26.3034, 31.6681, 6.6457

Protanopia

28.5357, 31.5803, 6.4253

Deuteranopia

32.0849, 31.5166, 6.8749



Tritanopia

32.4176, 31.4776, 37.1681

Trichromacy



Original Color

26.3034, 31.6681, 6.6457

Protanomaly

27.7971, 31.6896, 6.4854

Deuteranomaly

29.7025, 31.4521, 6.7909

Tritanomaly

29.0614, 31.0524, 20.6817

Monochromacy



Original Color

26.3034, 31.6681, 6.6457

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5617, 28.8314, 17.8534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3034, 31.6681, 6.6457 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(156, 158, 39)` looks like.

```
.text, #text, p{  
    color:rgb(156, 158, 39)  
}
```

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(156, 158, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 158, 39) }
```

Border

The CSS property to change the border of an element to XYZ 26.3034, 31.6681, 6.6457 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(156, 158, 39) }
```


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

```
.border{ border-color:rgb(156, 158, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 158, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 158, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 158, 39);  
box-shadow:4px 4px 4px 4px rgb(156, 158,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3034, 31.6681, 6.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 158, 39) }
```

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

```
.background{ background-color: rgb(156,  
158, 39) }
```

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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