

Converting Colors

XYZ(30.9404, 40.9659, 6.2764)

Have a look what the booklet for
XYZ(30.9404, 40.9659, 6.2764)
contains.

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Color

**XYZ(31.0340, 41.1361,
6.3044)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB700
RGB	158, 183, 0
RGB Percent	62%, 72%, 0%
CMY	0.3804, 0.2823, 0.9999
CMYK	0.14, 0.00, 1.00, 0.28
HSL	68°, 100%, 36%
HSV	68°, 100%, 72%
XYZ	31.0340, 41.1361, 6.3044
YIQ	154.6630, 43.8430, -62.2130

Conversions

Conversions Part 2

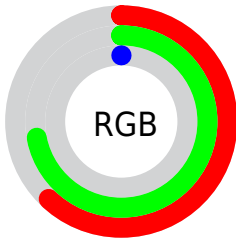
Format	Color
RYB	0, 183, 25
Decimal	10401536
CIELab	70.27, -27.56, 71.37
CIELCh	70, 76.506, 111.114
Yxy	41.1361, 0.3955, 0.5242
Android (android.graphics.Color)	4288591616 (0xFF9EB700)
YUV	154.6630, -76.2489, 2.9265
Hunter-Lab	64.1374, -25.8702, 39.0683

Details

The XYZ color **31.0340, 41.1361, 6.3044** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.9495, 3.6265, 45.0306**, and the grayscale version is **31.3213, 32.9524, 35.8852**.

A 20% lighter version of the original color is **60.5967, 76.8964, 19.0459**, and **13.4621, 18.7900, 2.9173** is the 20% darker color. If you saturate the color by 10%, you get **31.0343, 41.1377, 6.3047**, and if you desaturate by 10%, it is **31.6436, 41.4389, 6.9168**.

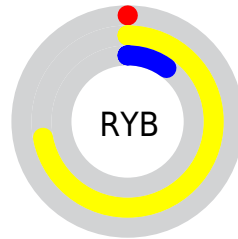
Distribution



Red (62%)

Green (72%)

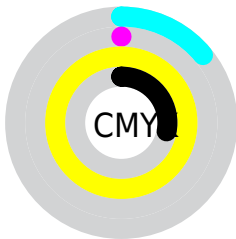
Blue (0%)



Red (0%)

Yellow (72%)

Blue (10%)

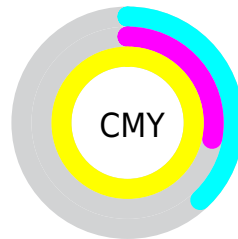


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (38%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0340, 41.1361, 6.3044 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 31.0340, 41.1361, 6.3044 by changing the saturation by 10% instead.


 31.0340, 41.1361,
6.3044


 31.0340, 41.1361,
6.3044


298.5190,
350.8891, 171.1572

 20.7767, 28.4254,
2.9593


 60.6691, 76.8905,
19.0480

 13.0724, 18.6466,
1.0739


 80.7776, 100.7029,
29.2835


 7.5558, 11.4152,
0.0000


 104.9005,
128.9848, 42.6529

 3.8614, 6.3468,
0.0000

 133.4032,
162.1205, 59.5748

 1.6240, 3.0571,
0.0000

 166.6510,
200.4944, 80.4676

 0.4080, 1.1616,
0.0000

 205.0094,

 0.0000, 0.0300,

244.4909, 105.7499

0.0000

248.8436,
294.4943, 135.8403

■ 0.0000, 0.0000,
0.0000

■ 31.0340, 41.1361,
6.3044

■ 31.0340, 41.1361,
6.3044

■ 31.0343, 41.1377,
6.3047

■ 31.6436, 41.4389,
6.9168

■ 32.3669, 41.7867,
8.0789

■ 33.2437, 42.1972,
9.9972

■ 34.2934, 42.6780,
12.7720

■ 35.5319, 43.2355,
16.4884

■ 36.9737, 43.8755,
21.2212

■ 38.6315, 44.6032,
27.0375

■ 40.5171, 45.4231,
33.9990

■ 42.6414, 46.3397,
42.1625

Harmonies

Analogous

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



42.9462, 41.1361, 5.3286



31.0340, 41.1361, 6.3044



23.1618, 41.1361, 13.9042

Triad

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



31.0340, 41.1361, 6.3044



25.8213, 41.1361, 123.0008



68.1163, 41.1361, 56.3373

Complementary

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



31.0340, 41.1361, 6.3044



8.9495, 3.6265, 45.0306

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.



61.0520, 41.1361, 103.6959



31.0340, 41.1361, 6.3044



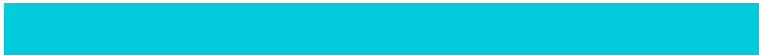
35.4880, 41.1361, 153.6523

Square

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



31.0340, 41.1361, 6.3044



20.6306, 41.1361, 74.5838



48.4518, 41.1361, 145.1476



66.2082, 41.1361, 24.2220

Rectangle

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



31.0340, 41.1361, 6.3044



20.4218, 41.1361, 25.9367



48.4518, 41.1361, 145.1476



66.6650, 41.1361, 71.0931

Sweetspot

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



31.0349, 41.1380, 6.3053



69.0247, 79.8092, 47.8455



19.8650, 10.7385, 1.0263



14.9610, 17.5029, 9.5564



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.0349, 41.1380, 6.3053



55.4335, 73.5978, 11.2841



19.2571, 35.0663, 5.7541



9.6263, 10.4395, 9.6146



21.6915, 28.7187, 4.4000



0.7983, 1.0297, 0.1567

Inverse Universe

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



8.9495, 3.6265, 45.0306



15.9164, 6.4368, 80.6393



15.7384, 7.1263, 45.3483



8.6322, 8.7768, 11.3186



6.2774, 2.5473, 31.4139



0.2582, 0.1088, 1.1091

Previews

White Background



This preview shows how the XYZ color 31.0340, 41.1361, 6.3044 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 31.0340, 41.1361, 6.3044 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 31.0340, 41.1361, 6.3044

Background



This preview shows how black text looks on a background with the XYZ color 31.0340, 41.1361, 6.3044.



This preview shows how white text looks on a background with the XYZ color 31.0340, 41.1361,

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

31.0340, 41.1361, 6.3044

Protanopia

37.0007, 40.9744, 5.9587

Deuteranopia

41.6634, 40.8922, 6.9934



Tritanopia

40.0397, 40.9808, 51.1472

Trichromacy



Original Color

31.0340, 41.1361, 6.3044

Protanomaly

34.5814, 40.8744, 6.0669

Deuteranomaly

37.0067, 40.4021, 6.5097

Tritanomaly

34.4772, 40.1598, 22.7641

Monochromacy



Original Color

31.0340, 41.1361, 6.3044

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.4176, 34.8790, 16.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0340, 41.1361, 6.3044 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(158, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 183, 0)  
}
```

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(158, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 183, 0) }
```

Border

The CSS property to change the border of an element to XYZ 31.0340, 41.1361, 6.3044 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(158, 183, 0) }
```


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

```
.border{ border-color:rgb(158, 183, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 183, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 183,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0340, 41.1361, 6.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 183, 0) }
```

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

```
.background{ background-color: rgb(158,  
183, 0) }
```

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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