

Converting Colors

XYZ(39.6518, 33.2742, 5.6290)

Have a look what the booklet for
XYZ(39.6518, 33.2742, 5.6290)
contains.

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Color

**XYZ(39.6518, 33.2742,
5.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	E0871F
RGB	224, 135, 31
RGB Percent	88%, 53%, 12%
CMY	0.1216, 0.4706, 0.8784
CMYK	0.00, 0.40, 0.86, 0.12
HSL	32°, 76%, 50%
HSV	32°, 86%, 88%
XYZ	39.6518, 33.2742, 5.6290
YIQ	149.7550, 86.4280, -13.4760

Conversions

Conversions Part 2

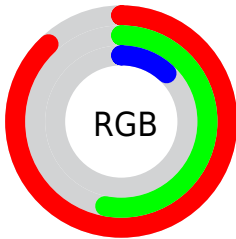
Format	Color
RYB	196, 224, 31
Decimal	14714655
CIELab	64.38, 27.13, 64.08
CIELCh	64, 69.590, 67.056
Yxy	33.2742, 0.5048, 0.4236
Android (android.graphics.Color)	4292904735 (0xFFE0871F)
YUV	149.7550, -58.5462, 65.1129
Hunter-Lab	57.6838, 21.7541, 34.5929

Details

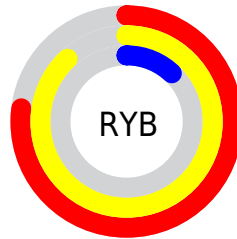
The XYZ color **39.6518, 33.2742, 5.6290** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **20.7358, 19.1054, 73.1153**, and the grayscale version is **29.1012, 30.6168, 33.3417**.

A 20% lighter version of the original color is **61.1579, 58.3433, 17.0548**, and **18.3528, 14.2835, 1.7897** is the 20% darker color. If you saturate the color by 10%, you get **38.0803, 30.4518, 4.1178**, and if you desaturate by 10%, it is **41.5690, 36.4615, 8.2640**.

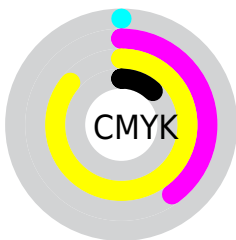
Distribution



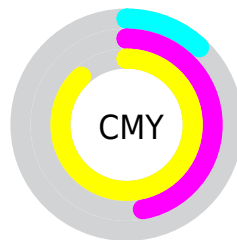
- Red (88%)
- Green (53%)
- Blue (12%)



- Red (77%)
- Yellow (88%)
- Blue (12%)



- Cyan (0%)
- Magenta (40%)
- Yellow (86%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6518, 33.2742, 5.6290 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 39.6518, 33.2742, 5.6290 by changing the saturation by 10% instead.


 39.6518, 33.2742,
5.6290


 39.6518, 33.2742,
5.6290

335.8134,
316.8835, 164.9022


 27.4502, 22.3366,
2.5557


 73.9207, 64.8034,
17.6200

 18.0499, 14.1044,
0.8695


 96.7187, 86.1637,
27.3749


 11.0857, 8.1933,
0.0000


 123.7795,
111.7671, 40.1939

 6.1923, 4.2189,
0.0000


 155.4685,
141.9980, 56.4958

 3.0041, 1.7968,
0.0000

 192.1510,
177.2406, 76.6991

 1.1559, 0.4851,
0.0000

 234.1925,

 0.0711, 0.0000,

217.8795, 101.2222

0.0000

281.9581,
264.2990, 130.4837

■ 0.0000, 0.0000,
0.0000

■ 39.6518, 33.2742,
5.6290

■ 39.6518, 33.2742,
5.6290

■ 38.0803, 30.4518,
4.1178

■ 41.5690, 36.4615,
8.2640

■ 37.5425, 29.4516,
3.7060

■ 43.8702, 40.0308,
12.2163

■ 46.5895, 44.0029,
17.6437

■ 49.7558, 48.3952,
24.6809

■ 53.3949, 53.2233,
33.4471

■ 57.5304, 58.5020,
44.0502

■ 62.1840, 64.2451,
56.5892

■ 67.3761, 70.4657,
71.1561

■ 73.1260, 77.1763,
87.8367

Harmonies

Analogous

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



49.4021, 33.2742, 12.2899



39.6518, 33.2742, 5.6290



29.3425, 33.2742, 4.5743

Triad

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



39.6518, 33.2742, 5.6290



16.2332, 33.2742, 43.3562



44.5555, 33.2742, 99.5693

Complementary

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



39.6518, 33.2742, 5.6290



20.7358, 19.1054, 73.1153

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.



34.0253, 33.2742, 121.8677



39.6518, 33.2742, 5.6290



18.7256, 33.2742, 80.0725

Square

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



39.6518, 33.2742, 5.6290



17.1230, 33.2742, 18.8472



24.7638, 33.2742, 113.3108



52.6211, 33.2742, 61.9419

Rectangle

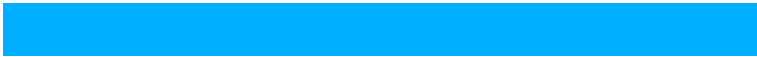
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.6518, 33.2742, 5.6290



23.7258, 33.2742, 6.1210



24.7638, 33.2742, 113.3108



41.1103, 33.2742, 109.8081

Sweetspot

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



39.6525, 33.2759, 5.6296



77.1636, 78.4629, 59.0514



34.6858, 18.2095, 19.7979



16.0854, 16.2506, 11.5160



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.6525, 33.2759, 5.6296



50.2449, 39.2698, 4.9316



55.6867, 68.2485, 11.5349



14.3160, 14.9179, 14.4317



21.9689, 17.3758, 2.1960



1.6121, 1.3830, 0.1820

Inverse Universe

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



20.7358, 19.1054, 73.1153



24.4795, 20.0791, 97.1932



14.7233, 6.7634, 71.0500



13.4703, 14.2796, 17.4340



10.7838, 9.0372, 42.2244



0.8363, 0.8041, 2.9564

Previews

White Background



This preview shows how the XYZ color 39.6518, 33.2742, 5.6290 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 39.6518, 33.2742, 5.6290 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 39.6518, 33.2742, 5.6290

Background



This preview shows how black text looks on a background with the XYZ color 39.6518, 33.2742, 5.6290.



This preview shows how white text looks on a background with the XYZ color 39.6518, 33.2742,

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

39.6518, 33.2742, 5.6290

Protanopia

30.2954, 33.4776, 6.6154

Deuteranopia

34.0234, 33.2435, 5.3825



Tritanopia

44.1471, 33.3290, 27.0280

Trichromacy



Original Color

39.6518, 33.2742, 5.6290

Protanomaly

33.0431, 32.9537, 6.2092

Deuteranomaly

35.7301, 32.9805, 5.4024

Tritanomaly

41.6865, 32.8945, 15.4614

Monochromacy



Original Color

39.6518, 33.2742, 5.6290

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.9107, 30.6594, 18.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6518, 33.2742, 5.6290 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(224, 135, 31)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 31)  
}
```

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(224, 135, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 31) }
```

Border

The CSS property to change the border of an element to XYZ 39.6518, 33.2742, 5.6290 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(224, 135, 31) }
```


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

```
.border{ border-color:rgb(224, 135, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 135, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 31);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6518, 33.2742, 5.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 135, 31) }
```

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

```
.background{ background-color: rgb(224,  
135, 31) }
```

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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