

Converting Colors

XYZ(30.3939, 21.7538, 2.5970)

Have a look what the booklet for
XYZ(30.3939, 21.7538, 2.5970)
contains.

XYZ(30.3867, 21.7397, 2.5946)	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(30.3867, 21.7397,
2.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	D15F00
RGB	209, 95, 0
RGB Percent	82%, 37%, 0%
CMY	0.1804, 0.6274, 1.0000
CMYK	0.00, 0.55, 1.00, 0.18
HSL	27°, 100%, 41%
HSV	27°, 100%, 82%
XYZ	30.3867, 21.7397, 2.5946
YIQ	118.2560, 98.4390, -5.3770

Conversions

Conversions Part 2

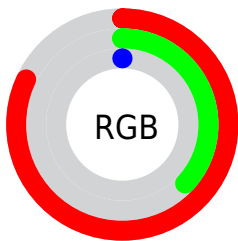
Format	Color
RYB	209, 174, 0
Decimal	13721344
CIELab	53.75, 41.24, 62.71
CIELCh	54, 75.053, 56.666
Yxy	21.7397, 0.5553, 0.3973
Android (android.graphics.Color)	4291911424 (0xFFD15F00)
YUV	118.2560, -58.3002, 79.5825
Hunter-Lab	46.6259, 34.7356, 29.3388

Details

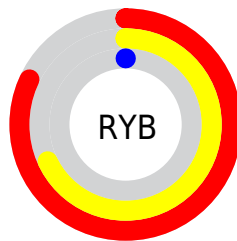
The XYZ color **30.3867, 21.7397, 2.5946** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **17.5255, 16.6373, 62.6088**, and the grayscale version is **17.4568, 18.3659, 20.0005**.

A 20% lighter version of the original color is **52.7553, 42.8100, 10.3331**, and **12.9333, 8.0044, 0.8633** is the 20% darker color. If you saturate the color by 10%, you get **30.3869, 21.7405, 2.5948**, and if you desaturate by 10%, it is **31.6248, 24.0011, 3.6707**.

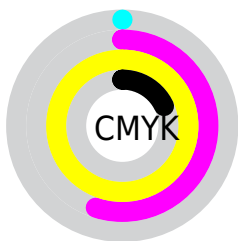
Distribution



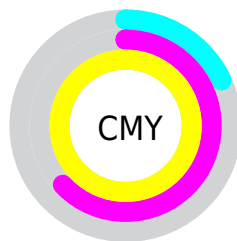
- Red (82%)
- Green (37%)
- Blue (0%)



- Red (82%)
- Yellow (68%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (18%)



- Cyan (18%)
- Magenta (63%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3867, 21.7397, 2.5946 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 30.3867, 21.7397, 2.5946 by changing the saturation by 10% instead.

30.3867, 21.7397,
2.5946

30.3867, 21.7397,
2.5946

295.5804,
261.1839, 131.0169

20.2818, 13.6658,
0.8897

59.6556, 46.3154,
10.6105

12.7095, 7.8886,
0.0000

79.5504, 63.5860,
17.7605

7.3044, 4.0237,
0.0000

103.4391, 84.6908,
27.5633

3.7012, 1.6868,
0.0000

131.6873,
110.0144, 40.4373

1.5345, 0.4151,
0.0000

164.6601,
139.9411, 56.8011

0.3492, 0.0000,
0.0000

202.7230,

0.0000, 0.0000,

174.8554, 77.0733

0.0000

■ 246.2413,
215.1415, 101.6724

■ 30.3867, 21.7397,
2.5946

■ 30.3867, 21.7397,
2.5946

■ 30.3869, 21.7405,
2.5948

■ 31.6248, 24.0011,
3.6707

■ 33.1643, 26.6322,
5.5647

■ 35.0606, 29.6655,
8.5375

■ 37.3458, 33.1226,
12.7314

■ 40.0476, 37.0229,
18.2667

■ 43.1909, 41.3843,
25.2492

■ 46.7980, 46.2234,
33.7737

■ 50.8899, 51.5561,
43.9272

■ 55.4859, 57.3971,
55.7899

Harmonies

Analogous

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



37.8065, 21.7397, 8.8319



30.3867, 21.7397, 2.5946



21.5761, 21.7397, 1.2679

Triad

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



30.3867, 21.7397, 2.5946



8.7445, 21.7397, 21.1856



28.4149, 21.7397, 89.4713

Complementary

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



30.3867, 21.7397, 2.5946



17.5255, 16.6373, 62.6088

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.



19.7759, 21.7397, 101.2057



30.3867, 21.7397, 2.5946



9.6896, 21.7397, 49.6513

Square

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



30.3867, 21.7397, 2.5946



10.2431, 21.7397, 6.7142



13.2723, 21.7397, 83.3610



36.4759, 21.7397, 57.3326

Rectangle

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



30.3867, 21.7397, 2.5946



16.5351, 21.7397, 1.5391



13.2723, 21.7397, 83.3610



25.4262, 21.7397, 96.5719

Sweetspot

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



30.3872, 21.7409, 2.5950



73.1896, 72.2212, 52.4658



29.3861, 14.7920, 17.5114



15.1320, 14.7480, 9.9522



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.



30.3872, 21.7409, 2.5950



47.4756, 33.7313, 4.0085



46.6143, 54.1951, 8.0040



12.2450, 12.6808, 12.4143



18.8317, 13.5964, 1.6318



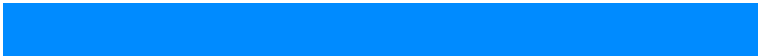
1.1318, 0.9179, 0.1175

Inverse Universe

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



17.5255, 16.6373, 62.6088



27.2949, 25.7098, 98.1316



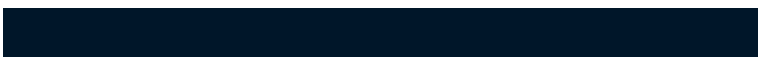
11.6221, 4.8304, 60.6410



11.6903, 12.4709, 15.0346



10.9054, 10.4573, 38.6362



0.6885, 0.7423, 2.1865

Previews

White Background



This preview shows how the XYZ color 30.3867, 21.7397, 2.5946 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3867, 21.7397, 2.5946 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 × Fail

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

XYZ 30.3867, 21.7397, 2.5946

Background



This preview shows how black text looks on a background with the XYZ color 30.3867, 21.7397, 2.5946.



This preview shows how white text looks on a background with the XYZ color 30.3867, 21.7397,

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

30.3867, 21.7397, 2.5946

Protanopia

19.6449, 21.7673, 3.7822

Deuteranopia

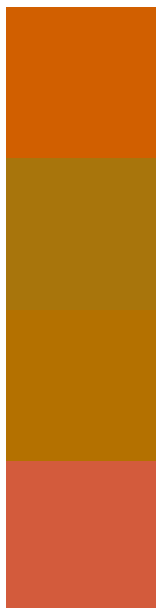
22.1872, 21.9524, 3.0679



Tritanopia

32.6615, 21.7846, 13.0731

Trichromacy



Original Color

30.3867, 21.7397, 2.5946

Protanomaly

22.5761, 21.0740, 3.2256

Deuteranomaly

24.7275, 21.5136, 2.8492

Tritanomaly

31.4207, 21.6573, 6.7992

Monochromacy



Original Color

30.3867, 21.7397, 2.5946

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.6084, 18.2392, 9.1436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3867, 21.7397, 2.5946 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(209, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 95, 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(209, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 95, 0) }
```

Border

The CSS property to change the border of an element to XYZ 30.3867, 21.7397, 2.5946 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(209, 95, 0) }
```


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

```
.border{ border-color:rgb(209, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.3867, 21.7397, 2.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 95, 0) }
```

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

```
.background{ background-color: rgb(209, 95,  
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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