

Converting Colors

XYZ(35.3025, 38.1604, 6.0773)

Have a look what the booklet for
XYZ(35.3025, 38.1604, 6.0773)
contains.

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Color

**XYZ(35.3025, 38.1604,
6.0773)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A512
RGB	192, 165, 18
RGB Percent	75%, 65%, 7%
CMY	0.2471, 0.3529, 0.9294
CMYK	0.00, 0.14, 0.91, 0.25
HSL	51°, 83%, 41%
HSV	51°, 91%, 75%
XYZ	35.3025, 38.1604, 6.0773
YIQ	156.3150, 63.2790, -39.9930

Conversions

Conversions Part 2

Format	Color
RYB	50, 192, 18
Decimal	12625170
CIELab	68.14, -3.25, 68.63
CIElCh	68, 68.711, 92.715
Yxy	38.1604, 0.4438, 0.4798
Android (android.graphics.Color)	4290815250 (0xFFC0A512)
YUV	156.3150, -68.1893, 31.2957
Hunter-Lab	61.7741, -6.0960, 37.4090

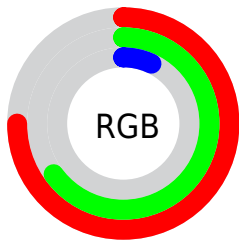
Details

The XYZ color **35.3025, 38.1604, 6.0773** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **10.7025, 5.8115, 50.4263**, and the grayscale version is **32.0177, 33.6851, 36.6831**.

A 20% lighter version of the original color is **67.2994, 72.5064, 18.6317**, and **15.8488, 17.1030, 2.4659** is the 20% darker color. If you saturate the color by 10%, you get **34.6956, 37.1215, 5.3365**, and if you desaturate by 10%, it is **36.0749, 39.3406, 7.4597**.

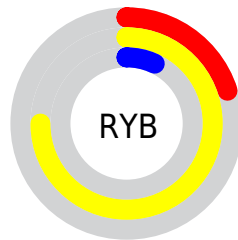
Distribution



Red (75%)

Green (65%)

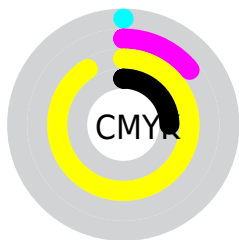
Blue (7%)



Red (20%)

Yellow (75%)

Blue (7%)

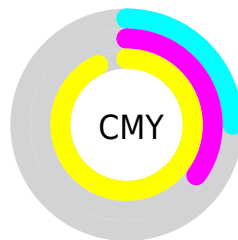


Cyan (0%)

Magenta (14%)

Yellow (91%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3025, 38.1604, 6.0773 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 35.3025, 38.1604, 6.0773 by changing the saturation by 10% instead.

 35.3025, 38.1604,
6.0773


 35.3025, 38.1604,
6.0773


317.3862,
338.3075, 169.0891


 24.0636, 26.1072,
2.8226


 67.2851, 72.3539,
18.5716


 15.5058, 16.9039,
1.0048


 88.7594, 95.2630,
28.6482

 9.2637, 10.1660,
0.0000


 114.3763,
122.5596, 41.8359

 4.9721, 5.5091,
0.0000

 144.5011,
154.6279, 58.5532

 2.2655, 2.5490,
0.0000

 179.4991,
191.8525, 79.2186

 0.7769, 0.9011,
0.0000

 219.7358,

 0.0000, 0.0000,

234.6177, 104.2507

0.0000

265.5763,
283.3079, 134.0680

■ 35.3025, 38.1604,
6.0773

■ 35.3025, 38.1604,
6.0773

■ 34.6956, 37.1215,
5.3365

■ 36.0749, 39.3406,
7.4597

■ 37.0178, 40.6077,
9.6812

■ 38.1538, 41.9723,
12.8571

■ 39.5014, 43.4420,
17.0843

■ 41.0767, 45.0233,
22.4478

■ 42.8945, 46.7223,
29.0238

■ 44.9679, 48.5443,
36.8818

■ 47.3092, 50.4945,
46.0862

■ 49.9299, 52.5774,
56.6970

Harmonies

Analogous

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



46.5652, 38.1604, 8.0671



35.3025, 38.1604, 6.0773



26.2304, 38.1604, 9.0417

Triad

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



35.3025, 38.1604, 6.0773



21.5432, 38.1604, 82.3250



57.8501, 38.1604, 74.9173

Complementary

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



35.3025, 38.1604, 6.0773



10.7025, 5.8115, 50.4263

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.



48.5920, 38.1604, 113.6512



35.3025, 38.1604, 6.0773



27.6169, 38.1604, 119.2095

Square

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



35.3025, 38.1604, 6.0773



19.3293, 38.1604, 44.4102



37.2557, 38.1604, 132.8270



61.0054, 38.1604, 38.8157

Rectangle

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



35.3025, 38.1604, 6.0773



22.2163, 38.1604, 15.0652



37.2557, 38.1604, 132.8270



55.2693, 38.1604, 88.5595

Sweetspot

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



35.3034, 38.1622, 6.0781



78.8693, 85.6868, 56.8700



22.4677, 11.8446, 3.7922



16.6552, 18.1450, 11.2118



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.3034, 38.1622, 6.0781



62.7148, 66.9581, 9.6188



28.7907, 42.8111, 7.3186



10.7760, 11.4835, 10.7105



23.3931, 25.0719, 3.6064



1.0474, 1.1566, 0.1681

Inverse Universe

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



10.7025, 5.8115, 50.4263



17.9577, 8.3319, 91.0220



12.7118, 5.7754, 50.3134



9.6517, 9.9947, 12.7053



6.7482, 3.2529, 33.8288



0.3324, 0.2223, 1.4753

Previews

White Background



This preview shows how the XYZ color 35.3025, 38.1604, 6.0773 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 35.3025, 38.1604, 6.0773 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 35.3025, 38.1604, 6.0773

Background



This preview shows how black text looks on a background with the XYZ color 35.3025, 38.1604, 6.0773.

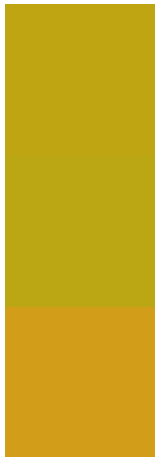


This preview shows how white text looks on a background with the XYZ color 35.3025, 38.1604,

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

35.3025, 38.1604, 6.0773

Protanopia

34.4298, 38.2492, 6.1843

Deuteranopia

38.9807, 38.2255, 6.2435



Tritanopia

42.2702, 37.9166, 40.6881

Trichromacy



Original Color

35.3025, 38.1604, 6.0773

Protanomaly

34.7400, 38.1383, 6.1465

Deuteranomaly

37.5183, 38.2442, 6.1635

Tritanomaly

38.2703, 37.2896, 20.5098

Monochromacy



Original Color

35.3025, 38.1604, 6.0773

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.3618, 34.2719, 18.5979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3025, 38.1604, 6.0773 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(192, 165, 18)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 18)  
}
```

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(192, 165, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 18) }
```

Border

The CSS property to change the border of an element to XYZ 35.3025, 38.1604, 6.0773 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(192, 165, 18) }
```


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

```
.border{ border-color:rgb(192, 165, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 18);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3025, 38.1604, 6.0773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 18) }
```

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

```
.background{ background-color: rgb(192,  
165, 18) }
```

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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