

Converting Colors

XYZ(30.0773, 35.4755, 5.4924)

Have a look what the booklet for
XYZ(30.0773, 35.4755, 5.4924)
contains.

XYZ(30.0765, 35.4738, 5.4917) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(30.0765, 35.4738,
5.4917)**

Conversions

Conversions Part 1	
Format	Color
Hex	AAA508
RGB	170, 165, 8
RGB Percent	67%, 65%, 3%
CMY	0.3333, 0.3529, 0.9686
CMYK	0.00, 0.03, 0.95, 0.33
HSL	58°, 91%, 35%
HSV	58°, 95%, 67%
XYZ	30.0765, 35.4738, 5.4917
YIQ	148.5970, 53.3770, -47.7670

Conversions

Conversions Part 2

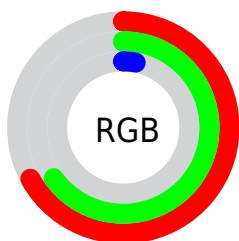
Format	Color
RYB	13, 170, 8
Decimal	11183368
CIELab	66.12, -13.23, 67.68
CIELCh	66, 68.965, 101.057
Yxy	35.4738, 0.4234, 0.4993
Android (android.graphics.Color)	4289373448 (0xFFAAA508)
YUV	148.5970, -69.3143, 18.7704
Hunter-Lab	59.5599, -14.0910, 36.2251

Details

The XYZ color **30.0765, 35.4738, 5.4917** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.5001, 3.2421, 38.2604**, and the grayscale version is **28.6654, 30.1582, 32.8423**.

A 20% lighter version of the original color is **59.2814, 68.3945, 17.2847**, and **12.8274, 15.5453, 2.3245** is the 20% darker color. If you saturate the color by 10%, you get **29.9888, 35.3688, 5.2463**, and if you desaturate by 10%, it is **30.3038, 35.7177, 6.2177**.

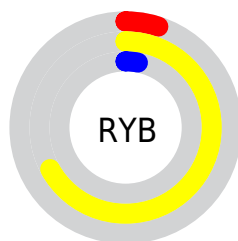
Distribution



Red (67%)

Green (65%)

Blue (3%)



Red (5%)

Yellow (67%)

Blue (3%)

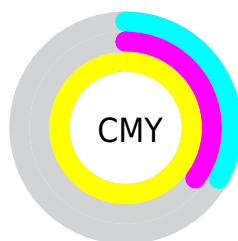


Cyan (0%)

Magenta (3%)

Yellow (95%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0765, 35.4738, 5.4917 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 30.0765, 35.4738, 5.4917 by changing the saturation by 10% instead.


 30.0765, 35.4738,
5.4917


 30.0765, 35.4738,
5.4917


294.1643,
326.6547, 163.5902


 20.0450, 24.0281,
2.4748


 59.1689, 68.2191,
17.3255


 12.5362, 15.3544,
0.8268


 78.9606, 90.2875,
26.9794


 7.1848, 9.0685,
0.0000


 102.7364,
116.6655, 39.6828


 3.6253, 4.7859,
0.0000

 130.8616,
147.7377, 55.8542

 1.4924, 2.1222,
0.0000

 163.7017,
183.8883, 75.9121

 0.3207, 0.6771,
0.0000

 201.6219,

 0.0000, 0.0000,

225.5017, 100.2750

0.0000

244.9877,
272.9624, 129.3615

■ 30.0765, 35.4738,
5.4917

■ 30.0765, 35.4738,
5.4917

■ 29.9888, 35.3688,
5.2463


■ 30.3038, 35.7177,
6.2177


■ 30.6415, 36.0050,
7.5267


■ 31.1086, 36.3447,
9.5156


■ 31.7198, 36.7426,
12.2607

■ 32.4875, 37.2038,
15.8285

 33.4231, 37.7327,
20.2781

 34.5366, 38.3335,
25.6631

 35.8376, 39.0098,
32.0329

 37.3346, 39.7652,
39.4334

Harmonies

Analogous

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



40.5280, 35.4738, 6.0574



30.0765, 35.4738, 5.4917



22.3580, 35.4738, 9.7823

Triad

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



30.0765, 35.4738, 5.4917



20.9319, 35.4738, 88.8236



56.0044, 35.4738, 59.9986

Complementary

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



30.0765, 35.4738, 5.4917



7.5001, 3.2421, 38.2604

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.



48.3888, 35.4738, 98.7345



30.0765, 35.4738, 5.4917



27.7149, 35.4738, 120.3864

Square

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



30.0765, 35.4738, 5.4917



17.8371, 35.4738, 50.4927



37.6395, 35.4738, 124.7246



56.9942, 35.4738, 28.7797

Rectangle

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



30.0765, 35.4738, 5.4917



19.2434, 35.4738, 17.2426



37.6395, 35.4738, 124.7246



54.0717, 35.4738, 72.8857

Sweetspot

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



30.0773, 35.4755, 5.4924



61.7661, 69.0740, 42.2058



16.7398, 8.7501, 1.2017



13.5911, 15.3045, 8.5289



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.0773, 35.4755, 5.4924



54.3811, 64.1115, 9.5086



19.0765, 31.1680, 5.2408



8.1267, 8.7335, 8.0467



22.0682, 26.0336, 3.8619



0.5428, 0.6452, 0.0959

Inverse Universe

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



7.5001, 3.2421, 38.2604



13.2390, 5.4144, 69.3492



10.9639, 4.9431, 38.4061



7.1497, 7.3362, 9.4575



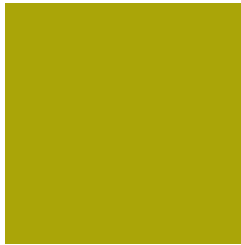
5.3869, 2.2340, 28.1228



0.1367, 0.0656, 0.6861

Previews

White Background



This preview shows how the XYZ color 30.0765, 35.4738, 5.4917 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 30.0765, 35.4738, 5.4917 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 30.0765, 35.4738, 5.4917

Background



This preview shows how black text looks on a background with the XYZ color 30.0765, 35.4738, 5.4917.



This preview shows how white text looks on a background with the XYZ color 30.0765, 35.4738,

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

30.0765, 35.4738, 5.4917

Protanopia

31.8174, 35.3201, 5.2266

Deuteranopia

36.0323, 35.2232, 5.8193



Tritanopia

37.2388, 35.3228, 40.4526

Trichromacy



Original Color
30.0765, 35.4738, 5.4917

Protanomaly
31.0792, 35.1987, 5.2996

Deuteranomaly
33.6604, 35.2373, 5.6435

Tritanomaly
32.8952, 34.5438, 19.1212

Monochromacy



Original Color
30.0765, 35.4738, 5.4917

Achromatopsia
28.5667, 30.0544, 32.7292

Achromatomaly
27.8306, 31.4926, 16.1671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0765, 35.4738, 5.4917 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(170, 165, 8)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 8)  
}
```

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(170, 165, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 8) }
```

Border

The CSS property to change the border of an element to XYZ 30.0765, 35.4738, 5.4917 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(170, 165, 8) }
```


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

```
.border{ border-color:rgb(170, 165, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 8);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0765, 35.4738, 5.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 8) }
```

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

```
.background{ background-color: rgb(170,  
165, 8) }
```

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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