

Converting Colors

XYZ(17.4455, 30.7821, 5.5577)

Have a look what the booklet for
XYZ(17.4455, 30.7821, 5.5577)
contains.

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Color

**XYZ(17.5262, 30.9232,
5.5754)**

Conversions

Conversions Part 1

Format	Color
Hex	48AC11
RGB	72, 172, 17
RGB Percent	28%, 67%, 7%
CMY	0.7176, 0.3255, 0.9333
CMYK	0.58, 0.00, 0.90, 0.33
HSL	99°, 82%, 37%
HSV	99°, 90%, 67%
XYZ	17.5262, 30.9232, 5.5754
YIQ	124.4300, -9.8450, -69.4050

Conversions

Conversions Part 2

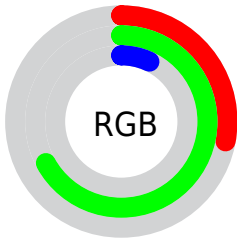
Format	Color
RYB	17, 172, 117
Decimal	4762641
CIELab	62.44, -53.53, 60.98
CIELCh	62, 81.137, 131.276
Yxy	30.9232, 0.3244, 0.5724
Android (android.graphics.Color)	4282952721 (0xFF48AC11)
YUV	124.4300, -52.9630, -45.9811
Hunter-Lab	55.6086, -41.0572, 32.9815

Details

The XYZ color **17.5262, 30.9232, 5.5754** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **14.9855, 7.1629, 39.6241**, and the grayscale version is **19.4770, 20.4914, 22.3151**.

A 20% lighter version of the original color is **38.7443, 60.9864, 17.5141**, and **6.4784, 12.9569, 2.1595** is the 20% darker color. If you saturate the color by 10%, you get **16.6791, 30.4991, 5.0078**, and if you desaturate by 10%, it is **18.6209, 31.4665, 6.6217**.

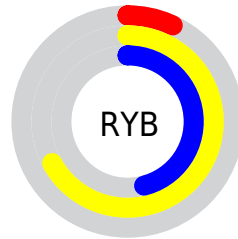
Distribution



Red (28%)

Green (67%)

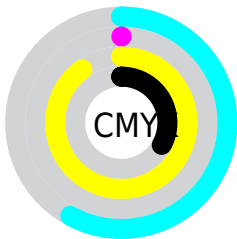
Blue (7%)



Red (7%)

Yellow (67%)

Blue (46%)

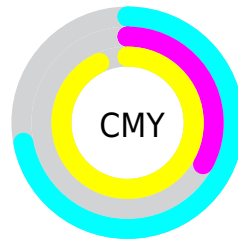


Cyan (58%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (72%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5262, 30.9232, 5.5754 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 17.5262, 30.9232, 5.5754 by changing the saturation by 10% instead.

■ 17.5262, 30.9232,
5.5754

■ 17.5262, 30.9232,
5.5754

231.2843,
306.1843, 164.3918

■ 10.7080, 20.5404,
2.5241

■ 38.7648, 61.1191,
17.5052

■ 5.9367, 12.7885,
0.8529

■ 53.9158, 81.7010,
27.2208

■ 2.8469, 7.2830,
0.0000

■ 72.5752, 106.4514,
39.9949

■ 1.0733, 3.6397,
0.0000

■ 95.1082, 135.7547,
56.2460

■ 0.0026, 1.4741,
0.0000

■ 121.8803,
169.9952, 76.3927

■ 0.0000, 0.2704,
0.0000

■ 153.2568,

■ 0.0000, 0.0000,

209.5574, 100.8536

0.0000

189.6030,
254.8256, 130.0471

■ 17.5262, 30.9232,
5.5754

■ 17.5262, 30.9232,
5.5754

■ 16.6791, 30.4991,
5.0078

■ 18.6209, 31.4665,
6.6217

■ 19.9961, 32.1390,
8.3295

■ 21.6757, 32.9523,
10.7855

■ 23.6800, 33.9151,
14.0630

■ 26.0276, 35.0356,
18.2264

■ 28.7351, 36.3211,
23.3337

■ 31.8183, 37.7786,
29.4381

■ 35.2917, 39.4146,
36.5888

■ 39.1692, 41.2350,
44.8315

Harmonies

Analogous

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



25.4453, 30.9232, 2.3488



17.5262, 30.9232, 5.5754



13.5615, 30.9232, 17.7231

Triad

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



17.5262, 30.9232, 5.5754



23.1090, 30.9232, 129.8454



55.4089, 30.9232, 23.1566

Complementary

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



17.5262, 30.9232, 5.5754



14.9855, 7.1629, 39.6241

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.



54.3303, 30.9232, 57.1096



17.5262, 30.9232, 5.5754



33.7261, 30.9232, 134.9204

Square

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



17.5262, 30.9232, 5.5754



16.1850, 30.9232, 91.5542



45.6763, 30.9232, 102.8319



48.3339, 30.9232, 7.4280

Rectangle

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



17.5262, 30.9232, 5.5754



12.9068, 30.9232, 35.0376



45.6763, 30.9232, 102.8319



56.0265, 30.9232, 32.3387

Sweetspot

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



17.5269, 30.9245, 5.5761



53.5290, 66.5527, 45.0577



23.2657, 21.1125, 3.3797



11.2542, 14.2840, 9.0555



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.



17.5269, 30.9245, 5.5761



30.0390, 55.2152, 9.0744



15.3292, 29.7634, 6.7436



8.1626, 9.0724, 8.5343



12.4664, 22.7237, 3.7291



0.4073, 0.6633, 0.1066

Inverse Universe

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



14.9855, 7.1629, 39.6241



25.1484, 11.4040, 71.6815



22.8280, 11.4177, 30.4228



8.0572, 8.0038, 10.0729



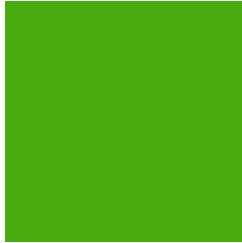
10.4789, 4.7619, 29.4114



0.3480, 0.1616, 0.8208

Previews

White Background



This preview shows how the XYZ color 17.5262, 30.9232, 5.5754 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 17.5262, 30.9232, 5.5754 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 17.5262, 30.9232, 5.5754

Background



This preview shows how black text looks on a background with the XYZ color 17.5262, 30.9232, 5.5754.



This preview shows how white text looks on a background with the XYZ color 17.5262, 30.9232,

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

17.5262, 30.9232, 5.5754

Protanopia

27.2959, 30.2587, 4.5454

Deuteranopia

30.7782, 30.1839, 6.1233



Tritanopia

25.2592, 30.8114, 44.1511

Trichromacy



Original Color

17.5262, 30.9232, 5.5754

Protanomaly

22.1077, 29.5418, 4.7954

Deuteranomaly

23.4926, 28.9924, 5.6542

Tritanomaly

20.5477, 29.9357, 21.2182

Monochromacy



Original Color

17.5262, 30.9232, 5.5754

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

16.9903, 22.7089, 12.0821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5262, 30.9232, 5.5754 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(72, 172, 17)` looks like.

```
.text, #text, p{  
    color:rgb(72, 172, 17)  
}
```

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(72, 172, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 172, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.5262, 30.9232, 5.5754 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(72, 172, 17) }
```


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

```
.border{ border-color:rgb(72, 172, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 172, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 172, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 172, 17);  
box-shadow:4px 4px 4px 4px rgb(72, 172,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5262, 30.9232, 5.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 172, 17) }
```

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

```
.background{ background-color: rgb(72, 172,  
17) }
```

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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