

Converting Colors

XYZ(30.1874, 35.5182, 6.0753)

Have a look what the booklet for
XYZ(30.1874, 35.5182, 6.0753)
contains.

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Color

**XYZ(30.1874, 35.5182,
6.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA517
RGB	170, 165, 23
RGB Percent	67%, 65%, 9%
CMY	0.3333, 0.3529, 0.9098
CMYK	0.00, 0.03, 0.86, 0.33
HSL	58°, 76%, 38%
HSV	58°, 86%, 67%
XYZ	30.1874, 35.5182, 6.0753
YIQ	150.3070, 48.5620, -43.1020

Conversions

Conversions Part 2

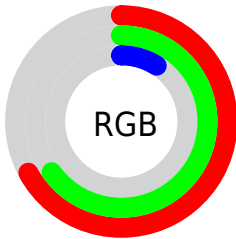
Format	Color
R _Y B	28, 170, 23
Decimal	11183383
CIE Lab	66.15, -12.96, 65.21
CIE LCh	66, 66.488, 101.236
Yxy	35.5182, 0.4205, 0.4948
Android (android.graphics.Color)	4289373463 (0xFFAAA517)
YUV	150.3070, -62.7624, 17.2708
Hunter-Lab	59.5971, -13.8804, 35.6740

Details

The XYZ color **30.1874, 35.5182, 6.0753** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.0246, 3.9152, 38.3628**, and the grayscale version is **29.3653, 30.8946, 33.6442**.

A 20% lighter version of the original color is **59.5460, 68.5003, 18.6778**, and **12.9567, 15.6120, 2.3305** is the 20% darker color. If you saturate the color by 10%, you get **29.9624, 35.2632, 5.3998**, and if you desaturate by 10%, it is **30.5211, 35.8201, 7.3136**.

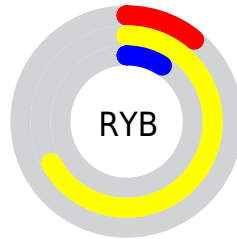
Distribution



Red (67%)

Green (65%)

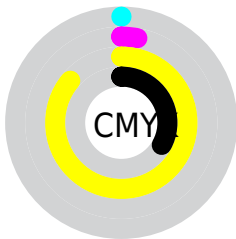
Blue (9%)



Red (11%)

Yellow (67%)

Blue (9%)

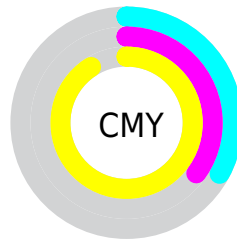


Cyan (0%)

Magenta (3%)

Yellow (86%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1874, 35.5182, 6.0753 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 30.1874, 35.5182, 6.0753 by changing the saturation by 10% instead.


 30.1874, 35.5182,
6.0753


 30.1874, 35.5182,
6.0753


294.6712,
326.8498, 169.0707

 20.1297, 24.0623,
2.8214


 59.3430, 68.2878,
18.5673


 12.5981, 15.3799,
1.0042


 79.1716, 90.3703,
28.6426

 7.2275, 9.0864,
0.0000


 102.9878,
116.7637, 41.8286

 3.6524, 4.7976,
0.0000

 131.1570,
147.8526, 58.5441

 1.5074, 2.1290,
0.0000

 164.0446,
184.0212, 79.2075

 0.3309, 0.6809,
0.0000

 202.0160,

 0.0000, 0.0000,

225.6540, 104.2374

0.0000

245.4363,
273.1354, 134.0523

■ 30.1874, 35.5182,
6.0753

■ 30.1874, 35.5182,
6.0753

■ 29.9624, 35.2632,
5.3998

■ 30.5211, 35.8201,
7.3136

■ 29.8929, 35.1768,
5.2143

■ 30.9816, 36.1722,
9.2211

■ 31.5845, 36.5820,
11.8765

■ 32.3428, 37.0546,
15.3472

■ 33.2676, 37.5947,
19.6930

■ 34.3694, 38.2063,
24.9681

■ 35.6576, 38.8932,
31.2224

■ 37.1410, 39.6590,
38.5023

■ 38.8278, 40.5069,
46.8510

Harmonies

Analogous

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



40.2529, 35.5182, 6.6302



30.1874, 35.5182, 6.0753



22.7113, 35.5182, 10.4741

Triad

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



30.1874, 35.5182, 6.0753



21.3827, 35.5182, 86.8271



55.1560, 35.5182, 58.9704

Complementary

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



30.1874, 35.5182, 6.0753



8.0246, 3.9152, 38.3628

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.



47.9096, 35.5182, 95.7875



30.1874, 35.5182, 6.0753



28.0040, 35.5182, 116.5575

Square

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



30.1874, 35.5182, 6.0753



18.3311, 35.5182, 50.2859



37.6017, 35.5182, 120.4615



56.0572, 35.5182, 29.0021

Rectangle

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



30.1874, 35.5182, 6.0753



19.6821, 35.5182, 17.9402



37.6017, 35.5182, 120.4615



53.3237, 35.5182, 71.2460

Sweetspot

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



30.1882, 35.5199, 6.0760



62.3587, 69.3210, 45.2957



17.1230, 9.2547, 2.1363



13.7483, 15.3724, 9.3414



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.



30.1882, 35.5199, 6.0760



54.2037, 63.7568, 9.4495



20.2214, 31.7455, 5.8728



8.1247, 8.7294, 8.0460



21.9982, 25.8938, 3.8386



0.5417, 0.6430, 0.0956

Inverse Universe

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



8.0246, 3.9152, 38.3628



13.2465, 5.4295, 69.3517



11.6969, 5.6469, 38.5035



7.1515, 7.3399, 9.4582



5.3919, 2.2441, 28.1244



0.1374, 0.0670, 0.6863

Previews

White Background



This preview shows how the XYZ color 30.1874, 35.5182, 6.0753 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 30.1874, 35.5182, 6.0753 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 30.1874, 35.5182, 6.0753

Background



This preview shows how black text looks on a background with the XYZ color 30.1874, 35.5182, 6.0753.

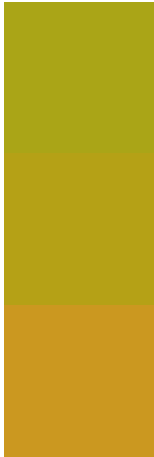


This preview shows how white text looks on a background with the XYZ color 30.1874, 35.5182,

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

30.1874, 35.5182, 6.0753

Protanopia

31.9457, 35.3714, 5.9027

Deuteranopia

36.1175, 35.2573, 6.2682



Tritanopia

37.0052, 35.2024, 40.4417

Trichromacy



Original Color

30.1874, 35.5182, 6.0753

Protanomaly

31.1966, 35.2457, 5.9179

Deuteranomaly

33.7646, 35.2790, 6.1923

Tritanomaly

32.9421, 34.5363, 20.5527

Monochromacy



Original Color

30.1874, 35.5182, 6.0753

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.1247, 31.6103, 17.7158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1874, 35.5182, 6.0753 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 23) }
```

Border

The CSS property to change the border of an element to XYZ 30.1874, 35.5182, 6.0753 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, 23) }
```


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

```
.border{ border-color:rgb(170, 165, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 23);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1874, 35.5182, 6.0753 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, 23) }
```

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

```
.background{ background-color: rgb(170,  
165, 23) }
```

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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