

Converting Colors

XYZ(30.4905, 35.2102, 13.6887)

Have a look what the booklet for
XYZ(30.4905, 35.2102, 13.6887)
contains.

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Color

**XYZ(30.4322, 35.2061,
13.7858)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A455
RGB	165, 164, 85
RGB Percent	65%, 64%, 33%
CMY	0.3529, 0.3568, 0.6667
CMYK	0.00, 0.01, 0.48, 0.35
HSL	59°, 32%, 49%
HSV	59°, 48%, 65%
XYZ	30.4322, 35.2061, 13.7858
YIQ	155.2930, 25.9550, -24.3570

Conversions

Conversions Part 2

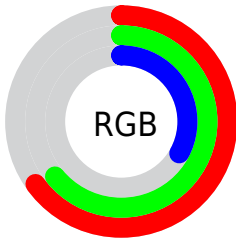
Format	Color
RYB	86, 165, 85
Decimal	10855509
CIELab	65.91, -11.00, 40.79
CIELCh	66, 42.250, 105.085
Yxy	35.2061, 0.3832, 0.4433
Android (android.graphics.Color)	4289045589 (0xFFA5A455)
YUV	155.2930, -34.6544, 8.5130
Hunter-Lab	59.3347, -12.2849, 27.7589

Details

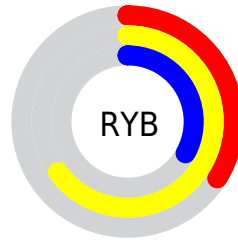
The XYZ color **30.4322, 35.2061, 13.7858** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.8656, 11.3032, 37.0482**, and the grayscale version is **31.4271, 33.0637, 36.0064**.

A 20% lighter version of the original color is **59.6657, 67.8413, 33.6169**, and **12.6682, 15.0952, 3.9151** is the 20% darker color. If you saturate the color by 10%, you get **29.8153, 34.9019, 10.7148**, and if you desaturate by 10%, it is **31.2037, 35.5748, 17.6633**.

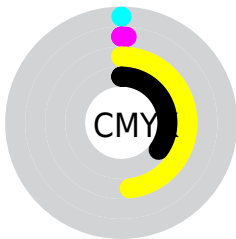
Distribution



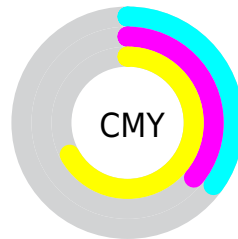
- Red (65%)
- Green (64%)
- Blue (33%)



- Red (34%)
- Yellow (65%)
- Blue (33%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4322, 35.2061, 13.7858 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 30.4322, 35.2061, 13.7858 by changing the saturation by 10% instead.

■ 30.4322, 35.2061,
13.7858

■ 30.4322, 35.2061,
13.7858

295.7877,
325.4771, 227.2761

■ 20.3166, 23.8217,
7.8348

■ 59.7270, 67.8049,
33.4201

■ 12.7350, 15.2014,
3.9032

■ 79.6368, 89.7881,
47.9405

■ 7.3220, 8.9609,
1.5724

■ 103.5421,
116.0730, 66.1544

■ 3.7124, 4.7157,
0.2710

■ 131.8082,
147.0441, 88.4804

■ 1.5408, 2.0814,
0.0000

■ 164.8004,
183.0856, 115.3371

■ 0.3533, 0.6541,
0.0000

202.8842,

■ 0.0000, 0.0000,

224.5820, 147.1429

0.0000

246.4248,
271.9177, 184.3164

■ 30.4322, 35.2061,
13.7858

■ 30.4322, 35.2061,
13.7858

■ 29.8153, 34.9019,
10.7148

■ 31.2037, 35.5748,
17.6633

■ 29.3398, 34.6530,
8.3914

■ 32.1370, 36.0071,
22.3964

■ 28.9942, 34.4562,
6.7520

■ 33.2420, 36.5081,
28.0330

■ 28.7643, 34.3058,
5.7218

■ 34.5268, 37.0812,
34.6166

■ 28.6240, 34.1913,
5.1628

■ 35.9993, 37.7294,
42.1881

■ 28.6047, 34.1747,
5.0888

■ 37.6668, 38.4557,
50.7859

■ 39.5361, 39.2629,
60.4464

■ 41.6138, 40.1535,
71.2041

■ 43.9062, 41.1301,
83.0921

Harmonies

Analogous

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



36.6506, 35.2061, 13.7724



30.4322, 35.2061, 13.7858



25.6556, 35.2061, 18.8114

Triad

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



30.4322, 35.2061, 13.7858



25.6767, 35.2061, 68.2242



46.4651, 35.2061, 47.8883

Complementary

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



30.4322, 35.2061, 13.7858



13.8656, 11.3032, 37.0482

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.



42.7110, 35.2061, 68.1182



30.4322, 35.2061, 13.7858



30.4646, 35.2061, 82.1172

Square

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



30.4322, 35.2061, 13.7858



23.1516, 35.2061, 48.0028



36.6872, 35.2061, 82.0732



46.4536, 35.2061, 30.0585

Rectangle

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



30.4322, 35.2061, 13.7858



23.7068, 35.2061, 25.5895



36.6872, 35.2061, 82.0732



45.5829, 35.2061, 54.7310

Sweetspot

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



30.4330, 35.2077, 13.7865



60.2367, 65.6986, 53.8002



20.4590, 15.1739, 10.7257



13.0726, 14.3199, 11.2689



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.4330, 35.2077, 13.7865



53.3412, 62.4784, 18.9130



23.7485, 32.0272, 13.5250



7.6418, 8.2221, 7.5643



21.6427, 25.8594, 3.8507



0.4570, 0.5478, 0.0817

Inverse Universe

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



13.8656, 11.3032, 37.0482



20.1610, 14.6068, 65.5091



18.3044, 13.4743, 37.2333



6.7072, 6.8734, 8.8763



5.1575, 2.0944, 27.0622



0.1104, 0.0480, 0.5693

Previews

White Background



This preview shows how the XYZ color 30.4322, 35.2061, 13.7858 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 30.4322, 35.2061, 13.7858 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 30.4322, 35.2061, 13.7858

Background



This preview shows how black text looks on a background with the XYZ color 30.4322, 35.2061, 13.7858.



This preview shows how white text looks on a background with the XYZ color 30.4322, 35.2061,

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

30.4322, 35.2061, 13.7858

Protanopia

32.3025, 35.1288, 13.4655

Deuteranopia

35.9176, 35.2228, 14.1381



Tritanopia

36.1520, 35.2314, 41.4541

Trichromacy



Original Color

30.4322, 35.2061, 13.7858

Protanomaly

31.5787, 35.0141, 13.4815

Deuteranomaly

33.7849, 35.1163, 14.0143

Tritanomaly

33.5368, 34.9178, 28.6391

Monochromacy



Original Color

30.4322, 35.2061, 13.7858

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.5542, 33.4364, 25.9626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4322, 35.2061, 13.7858 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(165, 164, 85)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 85)  
}
```

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(165, 164, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 85) }
```

Border

The CSS property to change the border of an element to XYZ 30.4322, 35.2061, 13.7858 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(165, 164, 85) }
```


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

```
.border{ border-color:rgb(165, 164, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 85);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4322, 35.2061, 13.7858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 85) }
```

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

```
.background{ background-color: rgb(165,  
164, 85) }
```

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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