

Converting Colors

XYZ(35.3070, 36.6320, 17.8253)

Have a look what the booklet for
XYZ(35.3070, 36.6320, 17.8253)
contains.

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Color

**XYZ(35.2188, 36.5400,
17.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA066
RGB	186, 160, 102
RGB Percent	73%, 63%, 40%
CMY	0.2706, 0.3725, 0.6000
CMYK	0.00, 0.14, 0.45, 0.27
HSL	41°, 38%, 56%
HSV	41°, 45%, 73%
XYZ	35.2188, 36.5400, 17.7671
YIQ	161.1620, 34.1140, -12.5260

Conversions

Conversions Part 2

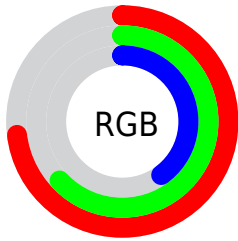
Format	Color
R_{YB}	140, 186, 102
Decimal	12230758
CIE _{Lab}	66.93, 1.67, 33.69
CIE _{LCh}	67, 33.734, 87.165
Yxy	36.5400, 0.3934, 0.4082
Android (android.graphics.Color)	4290420838 (0xFFBAA066)
YUV	161.1620, -29.1669, 21.7829
Hunter-Lab	60.4483, -1.7857, 24.8872

Details

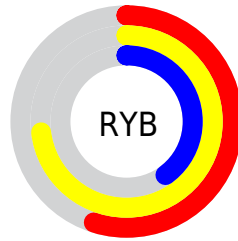
The XYZ color **35.2188, 36.5400, 17.7671** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **22.0614, 21.8077, 49.5009**, and the grayscale version is **34.0727, 35.8471, 39.0375**.

A 20% lighter version of the original color is **67.4414, 70.1671, 40.5609**, and **15.4946, 16.0289, 5.7673** is the 20% darker color. If you saturate the color by 10%, you get **33.4233, 34.2632, 13.1171**, and if you desaturate by 10%, it is **37.2693, 38.9954, 23.5240**.

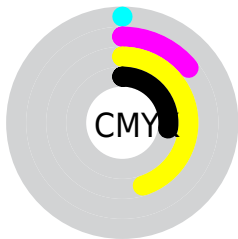
Distribution



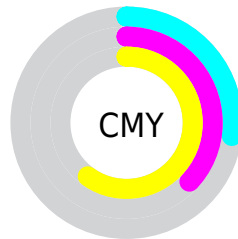
- Red (73%)
- Green (63%)
- Blue (40%)



- Red (55%)
- Yellow (73%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (27%)





- Cyan (27%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2188, 36.5400, 17.7671 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 35.2188, 36.5400, 17.7671 by changing the saturation by 10% instead.


 35.2188, 36.5400,
17.7671


 35.2188, 36.5400,
17.7671


317.0242,
331.3147, 251.7469


 23.9988, 24.8515,
10.6152


 67.1564, 69.8647,
40.4486


 15.4574, 15.9665,
5.6978


 88.6046, 92.2698,
56.8153

 9.2295, 9.5004,
2.5964


 114.1930,
119.0158, 77.0907

 4.9495, 5.0690,
0.8906

 144.2869,
150.4873, 101.6934

 2.2521, 2.2878,
0.0000

179.2516,
187.0685, 131.0417

 0.7700, 0.7672,
0.0000

219.4524,

 0.0000, 0.0000,

229.1438, 165.5544

0.0000

265.2549,
277.0978, 205.6500

■ 35.2188, 36.5400,
17.7671

■ 35.2188, 36.5400,
17.7671

■ 33.4233, 34.2632,
13.1171

■ 37.2693, 38.9954,
23.5240

■ 31.8654, 32.1531,
9.4977

■ 39.5855, 41.6307,
30.4527

■ 30.5297, 30.2037,
6.8265

■ 42.1804, 44.4533,
38.6156

■ 29.3974, 28.4067,
5.0074

■ 45.0656, 47.4688,
48.0703

■ 28.4454, 26.7516,
3.9228

■ 48.2518, 50.6824,
58.8704

■ 28.0261, 25.9919,
3.5398

■ 51.7492, 54.0991,
71.0668

■ 55.5673, 57.7236,
84.7074

■ 59.7155, 61.5605,
99.8382

■ 61.7959, 64.6515,
103.8297

Harmonies

Analogous

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



40.3392, 36.5400, 20.5052



35.2188, 36.5400, 17.7671



30.4316, 36.5400, 19.6228

Triad

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



35.2188, 36.5400, 17.7671



26.6960, 36.5400, 54.0771



43.6644, 36.5400, 57.0917

Complementary

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



35.2188, 36.5400, 17.7671



22.0614, 21.8077, 49.5009

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.



39.4155, 36.5400, 70.4670



35.2188, 36.5400, 17.7671



29.6668, 36.5400, 68.4476

Square

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



35.2188, 36.5400, 17.7671



25.8060, 36.5400, 38.4092



34.2461, 36.5400, 75.0599



45.5057, 36.5400, 41.1950

Rectangle

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



35.2188, 36.5400, 17.7671



28.0072, 36.5400, 23.5469



34.2461, 36.5400, 75.0599



42.4512, 36.5400, 62.1672

Sweetspot

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



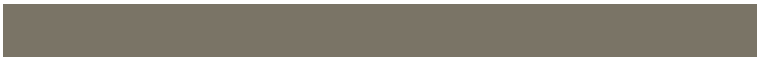
35.2197, 36.5417, 17.7678



76.9177, 81.0670, 71.4843



28.9372, 21.5166, 23.2582



16.7017, 17.5997, 14.9814



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.2197, 36.5417, 17.7678



60.6628, 62.2102, 23.9753



36.6649, 44.6903, 19.2645



9.5093, 10.0216, 9.5401



18.9241, 17.6245, 2.4045



0.7194, 0.7259, 0.1022

Inverse Universe

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



22.0614, 21.8077, 49.5009



33.8901, 32.2638, 88.6427



21.0047, 16.8581, 48.6012



8.7418, 9.1608, 11.3869



7.0253, 4.5103, 31.7534



0.3044, 0.2725, 1.1383

Previews

White Background



This preview shows how the XYZ color 35.2188, 36.5400, 17.7671 looks on a white background.

Color Contrast Check

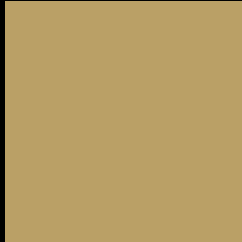
Large Text (above 18pt) WCAG AA × Fail

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 35.2188, 36.5400, 17.7671 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 35.2188, 36.5400, 17.7671

Background



This preview shows how black text looks on a background with the XYZ color 35.2188, 36.5400, 17.7671.



This preview shows how white text looks on a background with the XYZ color 35.2188, 36.5400,

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

35.2188, 36.5400, 17.7671

Protanopia

33.9055, 36.6386, 18.1169

Deuteranopia

37.3626, 36.6265, 17.9324



Tritanopia

39.6673, 36.3433, 40.0462

Trichromacy



Original Color

35.2188, 36.5400, 17.7671

Protanomaly

34.4246, 36.6437, 18.0905

Deuteranomaly

36.4975, 36.4307, 17.9402

Tritanomaly

37.7643, 36.3129, 30.2180

Monochromacy



Original Color

35.2188, 36.5400, 17.7671

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.0561, 35.9292, 29.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2188, 36.5400, 17.7671 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(186, 160, 102)` looks like.

```
.text, #text, p{  
    color:rgb(186, 160, 102)  
}
```

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(186, 160, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 160, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.2188, 36.5400, 17.7671 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(186, 160, 102) }
```


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

```
.border{ border-color:rgb(186, 160, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 160, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 160, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 160, 102);  
box-shadow:4px 4px 4px 4px rgb(186, 160,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2188, 36.5400, 17.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 160, 102) }
```

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

```
.background{ background-color: rgb(186,  
160, 102) }
```

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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