

Converting Colors

XYZ(30.0035, 42.5251, 33.8209)

Have a look what the booklet for
XYZ(30.0035, 42.5251, 33.8209)
contains.

XYZ(30.0035, 42.5251, 33.8209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.0035, 42.5251,
33.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBF92
RGB	108, 191, 146
RGB Percent	42%, 75%, 57%
CMY	0.5765, 0.2510, 0.4274
CMYK	0.43, 0.00, 0.24, 0.25
HSL	147°, 39%, 59%
HSV	147°, 43%, 75%
XYZ	30.0035, 42.5251, 33.8209
YIQ	161.0530, -35.0230, -31.5910

Conversions

Conversions Part 2

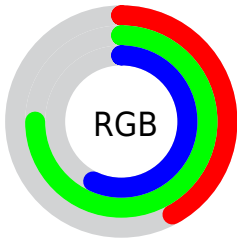
Format	Color
RYB	108, 165, 191
Decimal	7126930
CIELab	71.23, -35.55, 14.95
CIElCh	71, 38.568, 157.191
Yxy	42.5251, 0.2821, 0.3999
Android (android.graphics.Color)	4285317010 (0xFF6CBF92)
YUV	161.0530, -7.4211, -46.5275
Hunter-Lab	65.2113, -31.9924, 14.8980

Details

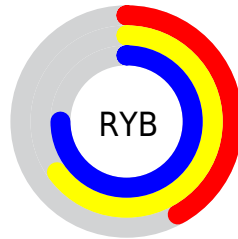
The XYZ color **30.0035, 42.5251, 33.8209** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.5997, 24.1025, 33.0729**, and the grayscale version is **33.9469, 35.7148, 38.8934**.

A 20% lighter version of the original color is **59.0970, 79.0915, 66.7950**, and **12.4794, 19.4744, 13.9277** is the 20% darker color. If you saturate the color by 10%, you get **27.1608, 41.1497, 29.6719**, and if you desaturate by 10%, it is **33.4304, 44.1955, 38.3801**.

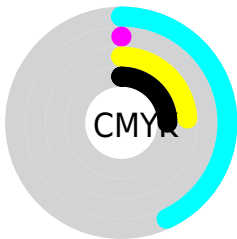
Distribution



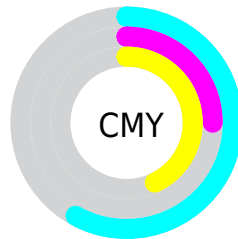
- Red (42%)
- Green (75%)
- Blue (57%)



- Red (42%)
- Yellow (65%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)




- Cyan (58%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0035, 42.5251, 33.8209 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 30.0035, 42.5251, 33.8209 by changing the saturation by 10% instead.

 30.0035, 42.5251,
33.8209


 30.0035, 42.5251,
33.8209


293.8303,
356.6551, 334.0775


 19.9893, 29.5127,
22.4798


 59.0543, 78.9937,
66.7858


 12.4955, 19.4690,
14.0082


 78.8216, 103.2187,
89.2466

 7.1567, 12.0096,
7.9875


 102.5708,
131.9500, 116.2511

 3.6075, 6.7503,
3.9993

 130.6670,
165.5720, 148.2178

 1.4826, 3.3064,
1.6250

163.4757,
204.4692, 185.5653

 0.3139, 1.2937,
0.3085

201.3623,

 0.0000, 0.1363,

249.0258, 228.7120

0.0000

244.6920,
299.6263, 278.0765

■ 0.0000, 0.0000,
0.0000

■ 30.0035, 42.5251,
33.8209

■ 30.0035, 42.5251,
33.8209

■ 27.1608, 41.1497,
29.6719

■ 33.4304, 44.1955,
38.3801

■ 24.8633, 40.0460,
25.9184

■ 37.4704, 46.1722,
43.3577

■ 23.0725, 39.1955,
22.5491


■ 42.1546, 48.4722,
48.7655


■ 21.7431, 38.5752,
19.5509

■ 47.5109, 51.1096,
54.6138


■ 20.8207, 38.1571,
16.9097


■ 53.5655, 54.0977,
60.9125

 20.3701, 37.9586,
15.3654

 60.3433, 57.4492,
67.6714

 67.8678, 61.1760,
74.8996

 73.9934, 64.1719,
82.5047

 75.4819, 64.7673,
90.3431

Harmonies

Analogous

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



33.3570, 42.5251, 23.3281



30.0035, 42.5251, 33.8209



29.2920, 42.5251, 50.9061

Triad

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



30.0035, 42.5251, 33.8209



41.9958, 42.5251, 91.3976



51.1589, 42.5251, 27.9358

Complementary

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



30.0035, 42.5251, 33.8209



32.5997, 24.1025, 33.0729

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.



54.0573, 42.5251, 41.9853



30.0035, 42.5251, 33.8209



48.4130, 42.5251, 80.8710

Square

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



30.0035, 42.5251, 33.8209



35.7863, 42.5251, 87.5116



53.0023, 42.5251, 61.5298



45.4348, 42.5251, 20.6172

Rectangle

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



30.0035, 42.5251, 33.8209



30.3342, 42.5251, 64.5618



53.0023, 42.5251, 61.5298



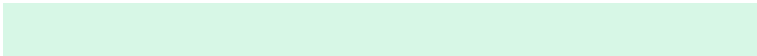
52.5223, 42.5251, 31.8582

Sweetspot

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



30.0046, 42.5268, 33.8219



75.7205, 86.9208, 87.5874



34.5990, 45.1820, 21.0854



16.1916, 18.8727, 18.7420



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.0046, 42.5268, 33.8219



48.9355, 73.8374, 53.5890



33.7702, 44.0331, 53.6509



9.5855, 10.7203, 11.0669



13.4261, 24.9607, 10.3065



0.5589, 0.9909, 0.5776

Inverse Universe

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



32.5997, 24.1025, 33.0729



54.1731, 36.6178, 52.0528



29.7827, 22.9757, 18.2388



9.7406, 9.6206, 11.0232



15.7887, 7.9466, 9.4466



0.6511, 0.3243, 0.5420

Previews

White Background



This preview shows how the XYZ color 30.0035, 42.5251, 33.8209 looks on a white background.

Color Contrast Check

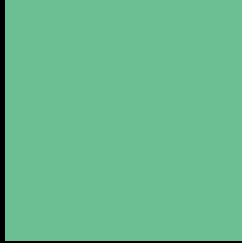
Large Text (above 18pt) WCAG AA × Fail

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 30.0035, 42.5251, 33.8209 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

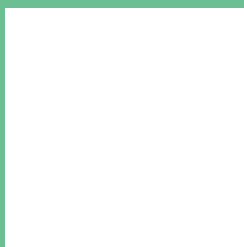
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0035, 42.5251, 33.8209

Background



This preview shows how black text looks on a background with the XYZ color 30.0035, 42.5251, 33.8209.



This preview shows how white text looks on a background with the XYZ color 30.0035, 42.5251,

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

30.0035, 42.5251, 33.8209

Protanopia

39.2261, 41.8836, 29.6838

Deuteranopia

42.6933, 41.8776, 35.1112



Tritanopia

35.3345, 42.4694, 60.3679

Trichromacy



Original Color

30.0035, 42.5251, 33.8209



Protanomaly

34.7652, 41.6039, 31.0090



Deuteranomaly

36.4672, 41.2199, 34.4680



Tritanomaly

33.2110, 42.5489, 49.6424

Monochromacy



Original Color

30.0035, 42.5251, 33.8209



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.9086, 37.6561, 37.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0035, 42.5251, 33.8209 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(108, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(108, 191, 146)  
}
```

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(108, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 191, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.0035, 42.5251, 33.8209 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(108, 191, 146) }
```


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

```
.border{ border-color:rgb(108, 191, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 191, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 191, 146);  
box-shadow:4px 4px 4px 4px rgb(108, 191,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0035, 42.5251, 33.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 191, 146) }
```

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

```
.background{ background-color: rgb(108,  
191, 146) }
```

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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