

Converting Colors

XYZ(30.2653, 42.2821, 36.2719)

Have a look what the booklet for
XYZ(30.2653, 42.2821, 36.2719)
contains.

XYZ(30.2653, 42.2821, 36.2719)	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(30.2653, 42.2821,
36.2719)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBE98
RGB	108, 190, 152
RGB Percent	42%, 75%, 60%
CMY	0.5765, 0.2549, 0.4039
CMYK	0.43, 0.00, 0.20, 0.25
HSL	152°, 39%, 58%
HSV	152°, 43%, 75%
XYZ	30.2653, 42.2821, 36.2719
YIQ	161.1500, -36.6740, -29.2020

Conversions

Conversions Part 2

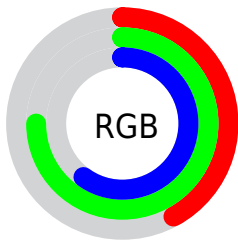
Format	Color
RYB	108, 161, 190
Decimal	7126680
CIELab	71.06, -33.85, 11.47
CIELCh	71, 35.737, 161.282
Yxy	42.2821, 0.2781, 0.3886
Android (android.graphics.Color)	4285316760 (0xFF6CBE98)
YUV	161.1500, -4.5110, -46.6126
Hunter-Lab	65.0247, -30.7116, 12.4443

Details

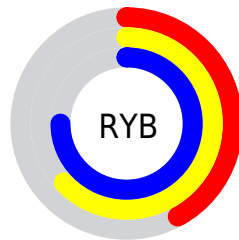
The XYZ color **30.2653, 42.2821, 36.2719** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **31.7875, 23.7486, 30.1042**, and the grayscale version is **33.9795, 35.7490, 38.9307**.

A 20% lighter version of the original color is **59.5056, 78.7643, 70.4593**, and **12.6213, 19.3048, 15.3729** is the 20% darker color. If you saturate the color by 10%, you get **27.5070, 40.9416, 32.5174**, and if you desaturate by 10%, it is **33.5830, 43.9071, 40.3339**.

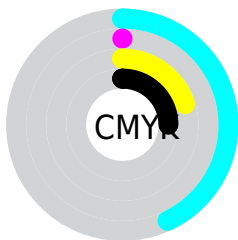
Distribution



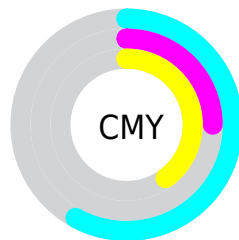
- Red (42%)
- Green (75%)
- Blue (60%)



- Red (42%)
- Yellow (63%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (58%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2653, 42.2821, 36.2719 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 30.2653, 42.2821, 36.2719 by changing the saturation by 10% instead.


 30.2653, 42.2821,
36.2719


 30.2653, 42.2821,
36.2719


295.0268,
355.6510, 345.2207


 20.1891, 29.3222,
24.3529


 59.4652, 78.6264,
70.6253


 12.6417, 19.3247,
15.3810


 79.3197, 102.7796,
93.8968

 7.2575, 11.9052,
8.9376


 103.1643,
131.4328, 121.7895

 3.6714, 6.6791,
4.6043

 131.3644,
164.9702, 154.7220

 1.5180, 3.2623,
1.9624

164.2853,
203.7764, 193.1128

 0.3380, 1.2701,
0.5320

202.2925,

 0.0000, 0.1179,

248.2356, 237.3805

0.0000

245.7512,
298.7324, 287.9436

■ 0.0000, 0.0000,
0.0000

■ 30.2653, 42.2821,
36.2719

■ 30.2653, 42.2821,
36.2719

■ 27.5070, 40.9416,
32.5174

■ 33.5830, 43.9071,
40.3339

■ 25.2705, 39.8628,
29.0599

■ 37.4878, 45.8274,
44.7079

■ 23.5187, 39.0280,
25.8924


■ 42.0098, 48.0593,
49.4019


■ 22.2079, 38.4148,
23.0063


■ 47.1757, 50.6167,
54.4225


■ 21.2857, 37.9963,
20.3925


■ 53.0109, 53.5123,
59.7764

 20.8101, 37.7868,
18.7543

 59.5391, 56.7585,
65.4698

 66.7829, 60.3667,
71.5089

 72.8987, 63.3863,
77.8124

 74.1133, 63.8721,
84.2086

Harmonies

Analogous

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



33.0790, 42.2821, 25.4859



30.2653, 42.2821, 36.2719



29.9474, 42.2821, 52.7751

Triad

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



30.2653, 42.2821, 36.2719



42.4761, 42.2821, 86.3977



49.4477, 42.2821, 27.5734

Complementary

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



30.2653, 42.2821, 36.2719



31.7875, 23.7486, 30.1042

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.



52.5312, 42.2821, 39.9002



30.2653, 42.2821, 36.2719



48.2486, 42.2821, 75.4311

Square

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



30.2653, 42.2821, 36.2719



36.6150, 42.2821, 84.7294



52.0719, 42.2821, 57.4164



43.9860, 42.2821, 21.3903

Rectangle

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



30.2653, 42.2821, 36.2719



31.1528, 42.2821, 65.3090



52.0719, 42.2821, 57.4164



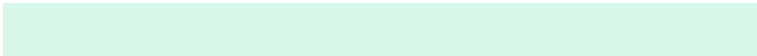
50.8200, 42.2821, 30.9882

Sweetspot

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



30.2665, 42.2838, 36.2729



76.0786, 87.0640, 89.4734



33.0231, 44.0470, 20.9493



16.2821, 18.9089, 19.2188



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.



30.2665, 42.2838, 36.2729



49.9878, 74.2583, 59.1304



33.3070, 42.5616, 55.1771



9.6170, 10.7329, 11.2326



13.8769, 25.1411, 12.6807



0.5763, 0.9979, 0.6690

Inverse Universe

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



31.7875, 23.7486, 30.1042



53.1154, 36.1947, 46.4829



29.5986, 23.3416, 17.1332



9.7092, 9.6080, 10.8574



15.3317, 7.7638, 7.0405



0.6336, 0.3173, 0.4498

Previews

White Background



This preview shows how the XYZ color 30.2653, 42.2821, 36.2719 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 30.2653, 42.2821, 36.2719 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 30.2653, 42.2821, 36.2719

Background



This preview shows how black text looks on a background with the XYZ color 30.2653, 42.2821, 36.2719.

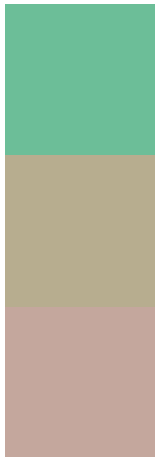


This preview shows how white text looks on a background with the XYZ color 30.2653, 42.2821, 36.2719.

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

30.2653, 42.2821, 36.2719

Protanopia

39.4299, 41.9376, 32.0032

Deuteranopia

42.6695, 41.8075, 37.7190



Tritanopia

35.0793, 42.3513, 59.7518

Trichromacy



Original Color

30.2653, 42.2821, 36.2719

Protanomaly

35.0187, 41.3834, 33.3362

Deuteranomaly

36.5562, 40.9190, 36.9818

Tritanomaly

33.1019, 42.1670, 50.1105

Monochromacy



Original Color

30.2653, 42.2821, 36.2719

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.0794, 37.7245, 37.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2653, 42.2821, 36.2719 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, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(108, 190, 152)  
}
```

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, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 190, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.2653, 42.2821, 36.2719 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, 190, 152) }
```


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

```
.border{ border-color:rgb(108, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(108, 190,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2653, 42.2821, 36.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 190, 152) }
```

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

```
.background{ background-color: rgb(108,  
190, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor