

Converting Colors

XYZ(30.6992, 38.3985, 53.9377)

Have a look what the booklet for
XYZ(30.6992, 38.3985, 53.9377)
contains.

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Color

**XYZ(30.6992, 38.3985,
53.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	67B2BD
RGB	103, 178, 189
RGB Percent	40%, 70%, 74%
CMY	0.5961, 0.3019, 0.2588
CMYK	0.46, 0.06, 0.00, 0.26
HSL	188°, 39%, 57%
HSV	188°, 46%, 74%
XYZ	30.6992, 38.3985, 53.9377
YIQ	156.8290, -48.2310, -12.4790

Conversions

Conversions Part 2

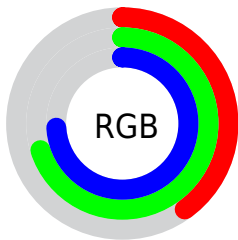
Format	Color
R _{YB}	103, 143, 189
Decimal	6795965
CIE _{Lab}	68.31, -20.36, -12.88
CIE _{LCh}	68, 24.095, 212.317
Y _{xy}	38.3985, 0.2495, 0.3121
Android (android.graphics.Color)	4284986045 (0xFF67B2BD)
YUV	156.8290, 15.8603, -47.2080
Hunter-Lab	61.9665, -20.0097, -8.2314

Details

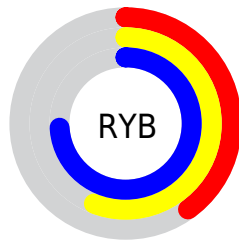
The XYZ color **30.6992, 38.3985, 53.9377** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.4524, 23.8333, 15.8809**, and the grayscale version is **31.9185, 33.5807, 36.5694**.

A 20% lighter version of the original color is **60.2023, 72.8091, 97.2668**, and **12.9043, 17.0256, 25.8987** is the 20% darker color. If you saturate the color by 10%, you get **28.2951, 36.4523, 53.6894**, and if you desaturate by 10%, it is **33.6041, 40.6172, 54.2135**.

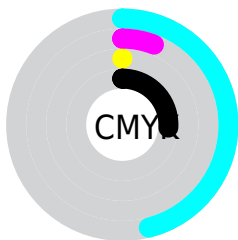
Distribution



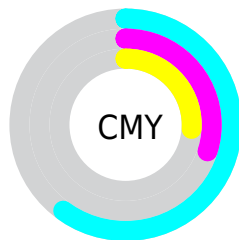
- Red (40%)
- Green (70%)
- Blue (74%)



- Red (40%)
- Yellow (56%)
- Blue (74%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6992, 38.3985, 53.9377 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 30.6992, 38.3985, 53.9377 by changing the saturation by 10% instead.

■ 30.6992, 38.3985,
53.9377

■ 30.6992, 38.3985,
53.9377

297.0018,
339.3264, 419.0403

■ 20.5206, 26.2921,
38.1590

■ 60.1452, 72.7185,
97.4382

■ 12.8845, 17.0423,
25.8033

■ 80.1434, 95.7010,
125.9972

■ 7.4255, 10.2647,
16.4521

■ 104.1455,
123.0775, 159.6533

■ 3.7783, 5.5748,
9.6868

■ 132.5168,
155.2326, 198.8251

■ 1.5775, 2.5883,
5.0889

165.6228,
192.5507, 243.9312

■ 0.3777, 0.9208,
2.2399

203.8287,

■ 0.0000, 0.0000,

235.4161, 295.3901

0.6973

247.4999,
284.2131, 353.6202

■ 0.0000, 0.0000,
0.0000

■ 30.6992, 38.3985,
53.9377

■ 30.6992, 38.3985,
53.9377

■ 28.2951, 36.4523,
53.6894

■ 33.6041, 40.6172,
54.2135

■ 26.3549, 34.7569,
53.4645

■ 37.0365, 43.1196,
54.5156

■ 24.8419, 33.2943,
53.2619

■ 41.0257, 45.9217,
54.8462

■ 23.7127, 32.0418,
53.0796

■ 45.5975, 49.0370,
55.2066

■ 22.9131, 30.9716,
52.9152

■ 50.7763, 52.4779,
55.5978

■ 22.6100, 30.5233,
52.8447

■ 56.5848, 56.2564,
56.0210

■ 63.0447, 60.3838,
56.4772

■ 70.1768, 64.8706,
56.9673

■ 71.0234, 66.1302,
57.1658

Harmonies

Analogous

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



29.7133, 38.3985, 42.6557



30.6992, 38.3985, 53.9377



33.2270, 38.3985, 63.0538

Triad

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



30.6992, 38.3985, 53.9377



43.3097, 38.3985, 52.2307



36.2039, 38.3985, 24.2871

Complementary

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



30.6992, 38.3985, 53.9377



29.4524, 23.8333, 15.8809

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.



39.9740, 38.3985, 25.9694



30.6992, 38.3985, 53.9377



44.2410, 38.3985, 40.9745

Square

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



30.6992, 38.3985, 53.9377



40.5166, 38.3985, 61.9548



42.9815, 38.3985, 31.6509



32.7517, 38.3985, 26.5862

Rectangle

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



30.6992, 38.3985, 53.9377



35.5347, 38.3985, 65.9821



42.9815, 38.3985, 31.6509



37.4757, 38.3985, 24.4053

Sweetspot

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



30.7004, 38.4000, 53.9386



74.4628, 82.9257, 98.3078



26.7745, 40.4725, 22.0344



15.6562, 17.5863, 21.1119



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.



30.7004, 38.4000, 53.9386



50.5296, 65.1623, 96.1406



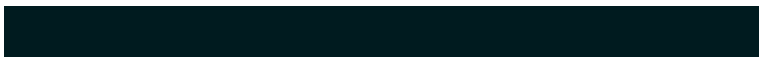
23.5792, 24.1576, 51.5649



9.7017, 10.5957, 12.2060



15.2516, 20.6149, 35.5681



0.6269, 0.8664, 1.4030

Inverse Universe

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



33.8733, 23.7346, 44.9171



57.1252, 36.1412, 77.0595



35.3293, 35.5871, 17.8398



9.8760, 9.6747, 11.7361



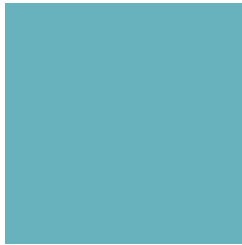
18.6991, 9.1108, 24.7726



0.7473, 0.3628, 1.0486

Previews

White Background



This preview shows how the XYZ color 30.6992, 38.3985, 53.9377 looks on a white background.

Color Contrast Check

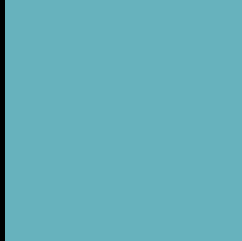
Large Text (above 18pt) WCAG AA × Fail

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 30.6992, 38.3985, 53.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

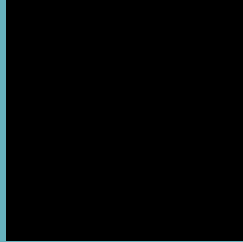
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6992, 38.3985, 53.9377

Background



This preview shows how black text looks on a background with the XYZ color 30.6992, 38.3985, 53.9377.



This preview shows how white text looks on a background with the XYZ color 30.6992, 38.3985,

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

30.6992, 38.3985, 53.9377

Protanopia

37.1055, 38.1390, 49.1220

Deuteranopia

38.7969, 38.0814, 55.1748



Tritanopia

31.1437, 38.5896, 55.6763

Trichromacy



Original Color

30.6992, 38.3985, 53.9377

Protanomaly

34.1818, 37.9609, 50.8730

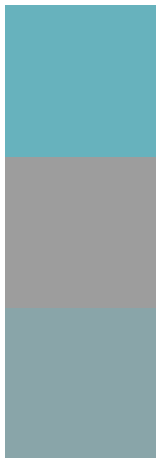
Deuteranomaly

35.0837, 37.7866, 54.7347

Tritanomaly

31.0333, 38.5454, 55.0946

Monochromacy



Original Color

30.6992, 38.3985, 53.9377

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.9331, 35.0932, 42.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6992, 38.3985, 53.9377 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(103, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(103, 178, 189)  
}
```

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(103, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 178, 189) }
```

Border

The CSS property to change the border of an element to XYZ 30.6992, 38.3985, 53.9377 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(103, 178, 189) }
```


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

```
.border{ border-color:rgb(103, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(103, 178,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6992, 38.3985, 53.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 178, 189) }
```

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

```
.background{ background-color: rgb(103,  
178, 189) }
```

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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