

Converting Colors

XYZ(31.0334, 36.5364, 50.4021)

Have a look what the booklet for
XYZ(31.0334, 36.5364, 50.4021)
contains.

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Color

**XYZ(30.9953, 36.6097,
50.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	79ABB7
RGB	121, 171, 183
RGB Percent	47%, 67%, 72%
CMY	0.5255, 0.3294, 0.2823
CMYK	0.34, 0.07, 0.00, 0.28
HSL	192°, 30%, 60%
HSV	192°, 34%, 72%
XYZ	30.9953, 36.6097, 50.2325
YIQ	157.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

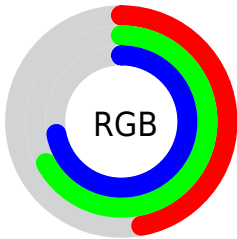
Format	Color
R _Y B	121, 149, 183
Decimal	7973815
CIE Lab	66.98, -13.53, -11.46
CIE LCh	67, 17.734, 220.277
Yxy	36.6097, 0.2630, 0.3107
Android (android.graphics.Color)	4286163895 (0xFF79ABB7)
YUV	157.4180, 12.6119, -31.9386
Hunter-Lab	60.5060, -14.4455, -6.8688

Details

The XYZ color **30.9953, 36.6097, 50.2325** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3676, 28.2231, 21.8843**, and the grayscale version is **32.1928, 33.8693, 36.8837**.

A 20% lighter version of the original color is **60.4555, 69.7387, 91.9359**, and **13.0803, 16.0706, 23.5316** is the 20% darker color. If you saturate the color by 10%, you get **28.0103, 34.0919, 49.9045**, and if you desaturate by 10%, it is **34.4869, 39.4170, 50.5910**.

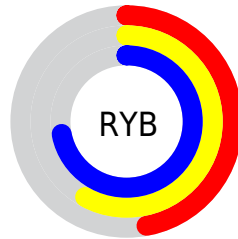
Distribution



Red (47%)

Green (67%)

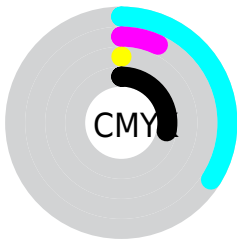
Blue (72%)



Red (47%)

Yellow (58%)

Blue (72%)

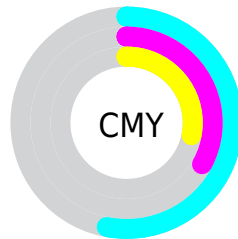


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9953, 36.6097, 50.2325 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 30.9953, 36.6097, 50.2325 by changing the saturation by 10% instead.

■ 30.9953, 36.6097,
50.2325

■ 30.9953, 36.6097,
50.2325

298.3439,
331.6176, 404.3356

■ 20.7471, 24.9054,
35.2257

■ 60.6086, 69.9721,
91.9191

■ 13.0507, 16.0066,
23.5518

■ 80.7043, 92.3990,
119.4360

■ 7.5407, 9.5288,
14.7924

■ 104.8133,
119.1690, 151.9600

■ 3.8518, 5.0877,
8.5288

133.3008,
150.6663, 189.9097

■ 1.6186, 2.2988,
4.3426

166.5323,
187.2754, 233.7035

■ 0.4045, 0.7731,
1.8151

204.8731,

■ 0.0000, 0.0000,

229.3808, 283.7601

0.4379

248.6885,
277.3667, 340.4979

■ 0.0000, 0.0000,
0.0000

■ 30.9953, 36.6097,
50.2325

■ 30.9953, 36.6097,
50.2325

■ 28.0103, 34.0919,
49.9045

■ 34.4869, 39.4170,
50.5910

■ 25.5009, 31.8449,
49.6030

■ 38.5074, 42.5229,
50.9786

■ 23.4377, 29.8540,
49.3275

■ 43.0817, 45.9412,
51.3973

■ 21.7865, 28.1016,
49.0763

■ 48.2319, 49.6838,
51.8482

■ 20.5082, 26.5671,
48.8474

■ 53.9793, 53.7615,
52.3324

■ 19.5553, 25.2260,
48.6388

■ 60.3438, 58.1850,
52.8507

■ 19.0726, 24.4695,
48.5182

■ 67.3444, 62.9642,
53.4043

■ 70.2878, 65.6799,
53.7733

■ 71.1140, 67.3322,
54.0487

Harmonies

Analogous

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



29.9483, 36.6097, 42.5650



30.9953, 36.6097, 50.2325



33.0788, 36.6097, 55.5059

Triad

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



30.9953, 36.6097, 50.2325



39.8993, 36.6097, 45.0761



33.8812, 36.6097, 26.9835

Complementary

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



30.9953, 36.6097, 50.2325



31.3676, 28.2231, 21.8843

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.



36.5724, 36.6097, 27.4735



30.9953, 36.6097, 50.2325



40.1414, 36.6097, 37.2754

Square

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



30.9953, 36.6097, 50.2325



38.2507, 36.6097, 52.2733



38.8963, 36.6097, 31.0267



31.5566, 36.6097, 29.5889

Rectangle

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



30.9953, 36.6097, 50.2325



34.8214, 36.6097, 56.5971



38.8963, 36.6097, 31.0267



34.7714, 36.6097, 26.8008

Sweetspot

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



30.9964, 36.6111, 50.2333



71.8896, 78.3639, 91.5725



29.0094, 39.6086, 28.0787



15.6310, 17.1223, 20.2027



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.9964, 36.6111, 50.2333



51.2676, 62.0078, 89.5023



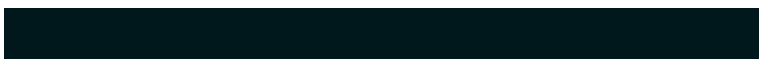
25.9041, 26.4265, 48.5359



9.1150, 9.9073, 11.5113



13.3532, 17.1661, 33.8627



0.5091, 0.6820, 1.2065

Inverse Universe

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



33.7174, 26.6832, 41.9030



57.0400, 41.8422, 71.6291



36.1427, 37.7733, 23.4760



9.3044, 9.1321, 10.9504



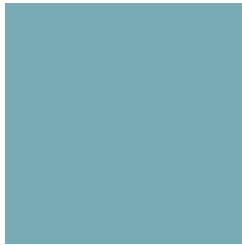
17.3538, 8.5153, 20.2815



0.6311, 0.3079, 0.8171

Previews

White Background



This preview shows how the XYZ color 30.9953, 36.6097, 50.2325 looks on a white background.

Color Contrast Check

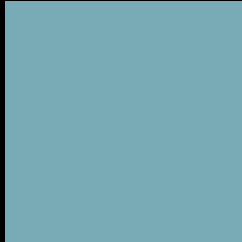
Large Text (above 18pt) WCAG AA × Fail

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 30.9953, 36.6097, 50.2325 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

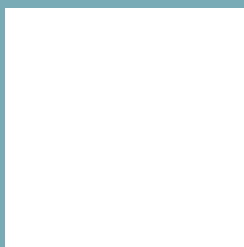
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9953, 36.6097, 50.2325

Background



This preview shows how black text looks on a background with the XYZ color 30.9953, 36.6097, 50.2325.



This preview shows how white text looks on a background with the XYZ color 30.9953, 36.6097,

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

30.9953, 36.6097, 50.2325

Protanopia

35.3786, 36.2411, 46.7256

Deuteranopia

37.0261, 36.2144, 51.4930



Tritanopia

31.0998, 36.6515, 50.7827

Trichromacy



Original Color

30.9953, 36.6097, 50.2325

Protanomaly

33.4459, 36.2759, 47.8870

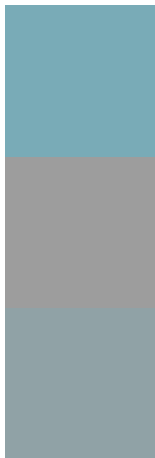
Deuteranomaly

34.4318, 36.1812, 51.0679

Tritanomaly

31.0998, 36.6515, 50.7827

Monochromacy



Original Color

30.9953, 36.6097, 50.2325

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3049, 34.5231, 41.0901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9953, 36.6097, 50.2325 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(121, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(121, 171, 183)  
}
```

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(121, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 171, 183) }
```

Border

The CSS property to change the border of an element to XYZ 30.9953, 36.6097, 50.2325 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(121, 171, 183) }
```


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

```
.border{ border-color:rgb(121, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(121, 171,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9953, 36.6097, 50.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 171, 183) }
```

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

```
.background{ background-color: rgb(121,  
171, 183) }
```

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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