

Converting Colors

XYZ(30.9626, 37.6703, 53.2161)

Have a look what the booklet for
XYZ(30.9626, 37.6703, 53.2161)
contains.

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Color

**XYZ(30.9626, 37.6703,
53.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	6FAFBC
RGB	111, 175, 188
RGB Percent	44%, 69%, 74%
CMY	0.5647, 0.3137, 0.2627
CMYK	0.41, 0.07, 0.00, 0.26
HSL	190°, 36%, 59%
HSV	190°, 41%, 74%
XYZ	30.9626, 37.6703, 53.2161
YIQ	157.3460, -42.3170, -9.5250

Conversions

Conversions Part 2

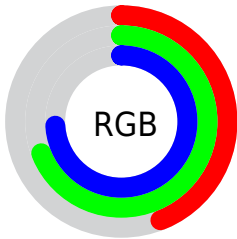
Format	Color
RYB	111, 146, 188
Decimal	7319484
CIELab	67.78, -17.07, -13.10
CIElCh	68, 21.517, 217.494
Yxy	37.6703, 0.2541, 0.3092
Android (android.graphics.Color)	4285509564 (0xFF6FAFBC)
YUV	157.3460, 15.1124, -40.6454
Hunter-Lab	61.3761, -17.3598, -8.4440

Details

The XYZ color **30.9626, 37.6703, 53.2161** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8165, 26.2549, 18.4833**, and the grayscale version is **32.1523, 33.8267, 36.8373**.

A 20% lighter version of the original color is **60.6309, 71.7905, 96.2493**, and **13.0201, 16.5382, 25.4276** is the 20% darker color. If you saturate the color by 10%, you get **28.2313, 35.3569, 52.9142**, and if you desaturate by 10%, it is **34.2086, 40.2724, 53.5479**.

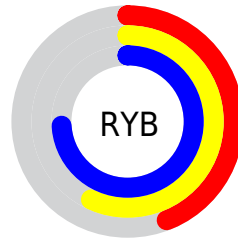
Distribution



Red (44%)

Green (69%)

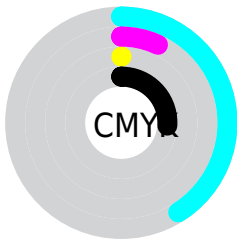
Blue (74%)



Red (44%)

Yellow (57%)

Blue (74%)

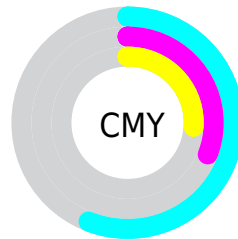


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (56%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9626, 37.6703, 53.2161 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 30.9626, 37.6703, 53.2161 by changing the saturation by 10% instead.

■ 30.9626, 37.6703,
53.2161

■ 30.9626, 37.6703,
53.2161

■ 298.1959,
336.2035, 416.2034

■ 20.7221, 25.7269,
37.5864

■ 60.5574, 71.6025,
96.3670

■ 13.0323, 16.6194,
25.3625

■ 80.6424, 94.3601,
124.7254

■ 7.5279, 9.9635,
16.1259

■ 104.7396,
121.4912, 158.1637

■ 3.8436, 5.3748,
9.4579

■ 133.2144,
153.3803, 197.1005

■ 1.6141, 2.4688,
4.9402

■ 166.4320,
190.4116, 241.9543

■ 0.4016, 0.8610,
2.1541

■ 204.7579,

■ 0.0000, 0.0000,

232.9697, 293.1437

0.6477

248.5574,
281.4389, 351.0873

■ 0.0000, 0.0000,
0.0000

■ 30.9626, 37.6703,
53.2161

■ 30.9626, 37.6703,
53.2161

■ 28.2313, 35.3569,
52.9142

■ 34.2086, 40.2724,
53.5479

■ 25.9795, 33.3112,
52.6380

■ 37.9946, 43.1736,
53.9084

■ 24.1734, 31.5165,
52.3868

■ 42.3485, 46.3895,
54.2996

■ 22.7727, 29.9519,
52.1586

■ 47.2951, 49.9329,
54.7229

■ 21.7298, 28.5928,
51.9512

■ 52.8578, 53.8160,
55.1792

■ 21.0102, 27.4968,
51.7776

■ 59.0587, 58.0504,
55.6697

■ 65.9188, 62.6470,
56.1954

■ 71.0624, 66.3813,
56.6450

■ 71.8070, 67.8705,
56.8932

Harmonies

Analogous

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



29.8263, 37.6703, 43.4540



30.9626, 37.6703, 53.2161



33.4100, 37.6703, 60.3883

Triad

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



30.9626, 37.6703, 53.2161



42.0489, 37.6703, 48.4407



34.9762, 37.6703, 25.3948

Complementary

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



30.9626, 37.6703, 53.2161



30.8165, 26.2549, 18.4833

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.



38.3107, 37.6703, 26.3059



30.9626, 37.6703, 53.2161



42.5325, 37.6703, 38.6720

Square

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



30.9626, 37.6703, 53.2161



39.8433, 37.6703, 57.3468



41.1265, 37.6703, 30.8403



32.0483, 37.6703, 28.1242

Rectangle

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



30.9626, 37.6703, 53.2161



35.5254, 37.6703, 62.1899



41.1265, 37.6703, 30.8403



36.0851, 37.6703, 25.2940

Sweetspot

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



30.9638, 37.6718, 53.2170



75.7132, 83.3183, 98.3177



28.1671, 40.7977, 25.4047



16.0518, 17.7491, 21.1225



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.



30.9638, 37.6718, 53.2170



51.6902, 64.5369, 95.9587



24.5319, 24.8080, 51.0730



9.6678, 10.5279, 12.1948



14.3518, 18.8154, 35.2682



0.5991, 0.8108, 1.3938

Inverse Universe

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



34.1623, 25.1564, 43.6142



58.4302, 39.4171, 75.4421



36.5882, 37.7982, 20.4072



9.8589, 9.6679, 11.6461



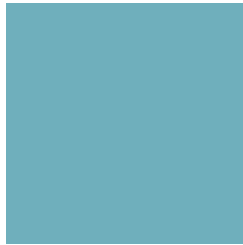
18.2449, 8.9291, 22.3810



0.7333, 0.3572, 0.9748

Previews

White Background



This preview shows how the XYZ color 30.9626, 37.6703, 53.2161 looks on a white background.

Color Contrast Check

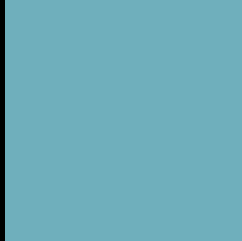
Large Text (above 18pt) WCAG AA × Fail

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 30.9626, 37.6703, 53.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

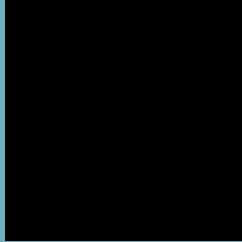
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9626, 37.6703, 53.2161

Background



This preview shows how black text looks on a background with the XYZ color 30.9626, 37.6703, 53.2161.



This preview shows how white text looks on a background with the XYZ color 30.9626, 37.6703,

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

30.9626, 37.6703, 53.2161

Protanopia

36.5419, 37.3171, 48.9930

Deuteranopia

38.1232, 37.2280, 54.4666



Tritanopia

31.0708, 37.7136, 53.7860

Trichromacy



Original Color

30.9626, 37.6703, 53.2161

Protanomaly

33.9720, 37.0274, 50.7039

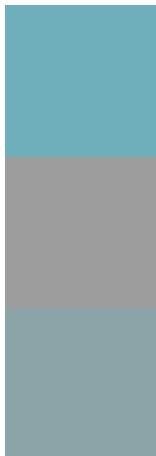
Deuteranomaly

34.7820, 36.8310, 53.9911

Tritanomaly

31.0708, 37.7136, 53.7860

Monochromacy



Original Color

30.9626, 37.6703, 53.2161

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.1586, 34.9535, 42.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9626, 37.6703, 53.2161 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(111, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(111, 175, 188)  
}
```

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(111, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 175, 188) }
```

Border

The CSS property to change the border of an element to XYZ 30.9626, 37.6703, 53.2161 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(111, 175, 188) }
```


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

```
.border{ border-color:rgb(111, 175, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 175, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(111, 175,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9626, 37.6703, 53.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 175, 188) }
```

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

```
.background{ background-color: rgb(111,  
175, 188) }
```

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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