

Converting Colors

XYZ(31.0079, 38.0601, 52.8878)

Have a look what the booklet for
XYZ(31.0079, 38.0601, 52.8878)
contains.

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Color

**XYZ(30.9254, 37.9535,
52.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB0BB
RGB	110, 176, 187
RGB Percent	43%, 69%, 73%
CMY	0.5686, 0.3098, 0.2667
CMYK	0.41, 0.06, 0.00, 0.27
HSL	189°, 36%, 58%
HSV	189°, 41%, 73%
XYZ	30.9254, 37.9535, 52.7095
YIQ	157.5200, -42.8670, -10.5710

Conversions

Conversions Part 2

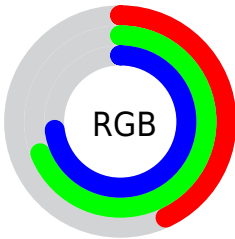
Format	Color
RYB	110, 146, 187
Decimal	7254203
CIELab	67.99, -18.11, -12.23
CIELCh	68, 21.857, 214.038
Yxy	37.9535, 0.2543, 0.3121
Android (android.graphics.Color)	4285444283 (0xFF6EB0BB)
YUV	157.5200, 14.5336, -41.6750
Hunter-Lab	61.6064, -18.2072, -7.6031

Details

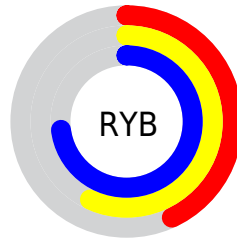
The XYZ color **30.9254, 37.9535, 52.7095** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.1461, 25.3660, 18.0602**, and the grayscale version is **32.2335, 33.9121, 36.9303**.

A 20% lighter version of the original color is **60.5513, 72.1836, 95.5355**, and **12.9616, 16.6994, 25.0944** is the 20% darker color. If you saturate the color by 10%, you get **28.3214, 35.8421, 52.4399**, and if you desaturate by 10%, it is **34.0329, 40.3416, 53.0073**.

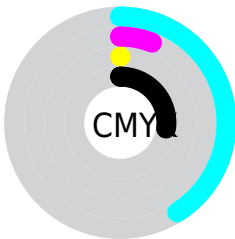
Distribution



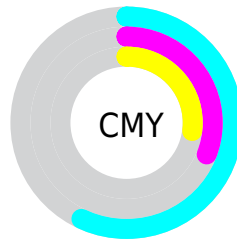
- Red (43%)
- Green (69%)
- Blue (73%)



- Red (43%)
- Yellow (57%)
- Blue (73%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9254, 37.9535, 52.7095 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 30.9254, 37.9535, 52.7095 by changing the saturation by 10% instead.

■ 30.9254, 37.9535,
52.7095

■ 30.9254, 37.9535,
52.7095

■ 298.0275,
337.4205, 414.2042

■ 20.6936, 25.9466,
37.1848

■ 60.4992, 72.0369,
95.6140

■ 13.0114, 16.7837,
25.0537

■ 80.5720, 94.8821,
123.8308

■ 7.5134, 10.0804,
15.8977

■ 104.6558,
122.1089, 157.1154

■ 3.8344, 5.4523,
9.2982

■ 133.1159,
154.1017, 195.8864

■ 1.6089, 2.5150,
4.8367

■ 166.3178,
191.2449, 240.5622

■ 0.3982, 0.8841,
2.0947

■ 204.6268,

■ 0.0000, 0.0000,

233.9228, 291.5614

0.6126

248.4083,
282.5198, 349.3026

■ 0.0000, 0.0000,
0.0000

■ 30.9254, 37.9535,
52.7095

■ 30.9254, 37.9535,
52.7095

■ 28.3214, 35.8421,
52.4399

■ 34.0329, 40.3416,
53.0073

■ 26.1864, 33.9868,
52.1943

■ 37.6691, 43.0167,
53.3320

■ 24.4866, 32.3710,
51.9720

■ 41.8613, 45.9939,
53.6857

■ 23.1825, 30.9742,
51.7711

■ 46.6342, 49.2860,
54.0696

■ 22.2268, 29.7719,
51.5894

■ 52.0107, 52.9049,
54.4848

■ 21.5910, 28.8303,
51.4412

■ 58.0127, 56.8620,
54.9322

■ 64.6609, 61.1680,
55.4130

■ 70.2605, 64.9494,
55.8477

■ 70.8739, 66.1763,
56.0522

Harmonies

Analogous

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



29.9404, 37.9535, 42.6567



30.9254, 37.9535, 52.7095



33.2881, 37.9535, 60.5365

Triad

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



30.9254, 37.9535, 52.7095



42.2731, 37.9535, 50.0705



35.6155, 37.9535, 25.3276

Complementary

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



30.9254, 37.9535, 52.7095



30.1461, 25.3660, 18.0602

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.



39.0104, 37.9535, 26.6801



30.9254, 37.9535, 52.7095



42.9921, 37.9535, 40.0211

Square

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



30.9254, 37.9535, 52.7095



39.8561, 37.9535, 58.8527



41.7638, 37.9535, 31.7103



32.5384, 37.9535, 27.6765

Rectangle

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



30.9254, 37.9535, 52.7095



35.3992, 37.9535, 62.8711



41.7638, 37.9535, 31.7103



36.7566, 37.9535, 25.3671

Sweetspot

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



30.9266, 37.9550, 52.7104



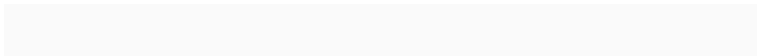
74.1604, 81.8049, 96.0827



27.6080, 40.2190, 24.1633



16.1052, 17.8558, 21.1403



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.



30.9266, 37.9550, 52.7104



51.3165, 64.6872, 93.9826



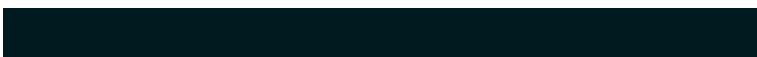
24.5230, 25.1479, 50.5759



9.6893, 10.5709, 12.2019



14.9165, 19.9447, 35.4564



0.6166, 0.8458, 1.3996

Inverse Universe

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



33.9069, 24.8523, 44.0857



57.4858, 38.6760, 75.8806



35.6669, 36.4076, 19.9004



9.8698, 9.6722, 11.7032



18.5299, 9.0431, 23.8820



0.7421, 0.3607, 1.0213

Previews

White Background



This preview shows how the XYZ color 30.9254, 37.9535, 52.7095 looks on a white background.

Color Contrast Check

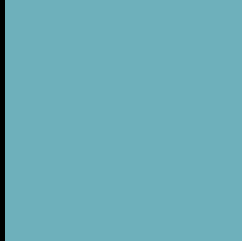
Large Text (above 18pt) WCAG AA × Fail

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 30.9254, 37.9535, 52.7095 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 30.9254, 37.9535, 52.7095

Background



This preview shows how black text looks on a background with the XYZ color 30.9254, 37.9535, 52.7095.

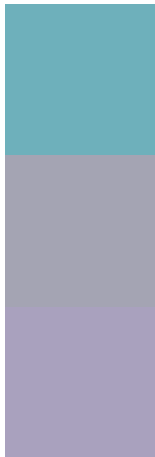


This preview shows how white text looks on a background with the XYZ color 30.9254, 37.9535,

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

30.9254, 37.9535, 52.7095

Protanopia

36.7220, 37.6981, 47.9888

Deuteranopia

38.4013, 37.6425, 53.9570



Tritanopia

31.3751, 38.1479, 54.4248

Trichromacy



Original Color

30.9254, 37.9535, 52.7095

Protanomaly

33.9477, 37.3120, 49.6687

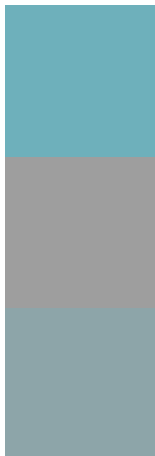
Deuteranomaly

35.0343, 37.2425, 53.4861

Tritanomaly

31.2662, 38.1043, 53.8511

Monochromacy



Original Color

30.9254, 37.9535, 52.7095

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.6011, 35.4376, 42.7107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9254, 37.9535, 52.7095 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(110, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(110, 176, 187)  
}
```

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(110, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 30.9254, 37.9535, 52.7095 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(110, 176, 187) }
```


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

```
.border{ border-color:rgb(110, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(110, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9254, 37.9535, 52.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 176, 187) }
```

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

```
.background{ background-color: rgb(110,  
176, 187) }
```

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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