

Converting Colors

XYZ(32.8864, 37.9199, 55.6029)

Have a look what the booklet for
XYZ(32.8864, 37.9199, 55.6029)
contains.

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Color

**XYZ(32.9154, 38.0529,
55.4793)**

Conversions

Conversions Part 1

Format	Color
Hex	7DADC0
RGB	125, 173, 192
RGB Percent	49%, 68%, 75%
CMY	0.5098, 0.3216, 0.2471
CMYK	0.35, 0.10, 0.00, 0.25
HSL	197°, 35%, 62%
HSV	197°, 35%, 75%
XYZ	32.9154, 38.0529, 55.4793
YIQ	160.8140, -34.7070, -4.2670

Conversions

Conversions Part 2

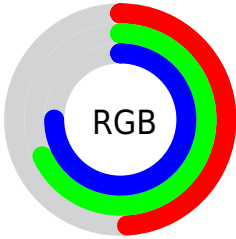
Format	Color
RYB	125, 153, 192
Decimal	8236480
CIELab	68.06, -11.20, -14.81
CIELCh	68, 18.573, 232.894
Yxy	38.0529, 0.2603, 0.3009
Android (android.graphics.Color)	4286426560 (0xFF7DADC0)
YUV	160.8140, 15.3747, -31.4089
Hunter-Lab	61.6870, -12.7070, -10.1426

Details

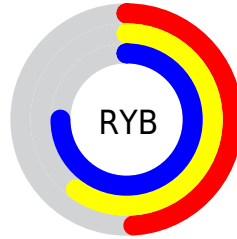
The XYZ color **32.9154, 38.0529, 55.4793** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.4137, 32.6340, 23.8353**, and the grayscale version is **33.7333, 35.4901, 38.6487**.

A 20% lighter version of the original color is **63.5091, 71.9674, 99.3508**, and **14.2452, 16.9553, 26.9480** is the 20% darker color. If you saturate the color by 10%, you get **29.3563, 34.7006, 55.0205**, and if you desaturate by 10%, it is **37.0612, 41.7726, 55.9794**.

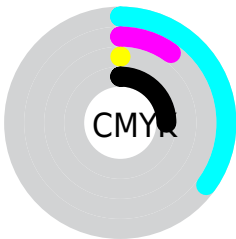
Distribution



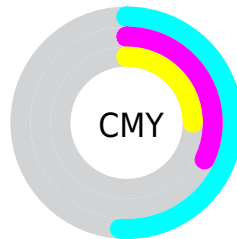
- Red (49%)
- Green (68%)
- Blue (75%)



- Red (49%)
- Yellow (60%)
- Blue (75%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9154, 38.0529, 55.4793 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 32.9154, 38.0529, 55.4793 by changing the saturation by 10% instead.

■ 32.9154, 38.0529,
55.4793

■ 32.9154, 38.0529,
55.4793

306.9401,
337.8468, 425.0593

■ 22.2206, 26.0237,
39.3844

■ 63.5990, 72.1892,
99.7210

■ 14.1366, 16.8414,
26.7488

■ 84.3185, 95.0652,
128.7050

■ 8.2981, 10.1215,
17.1539

■ 109.1102,
122.3255, 162.8223

■ 4.3397, 5.4796,
10.1811

138.3395,
154.3546, 202.4916

■ 1.8960, 2.5313,
5.4121

172.3718,
191.5369, 248.1314

■ 0.5745, 0.8923,
2.4281

211.5724,

■ 0.0000, 0.0000,

234.2568, 300.1603

0.8017

256.3067,
282.8986, 358.9967

■ 0.0000, 0.0000,
0.0000

■ 32.9154, 38.0529,
55.4793

■ 32.9154, 38.0529,
55.4793

■ 29.3563, 34.7006,
55.0205

■ 37.0612, 41.7726,
55.9794

■ 26.3485, 31.6941,
54.5987

■ 41.8194, 45.8710,
56.5197

■ 23.8582, 29.0160,
54.2130

■ 47.2186, 50.3645,
57.1025

■ 21.8461, 26.6452,
53.8615

■ 53.2843, 55.2668,
57.7290

■ 20.2666, 24.5576,
53.5418

■ 60.0407, 60.5912,
58.4006

■ 19.0647, 22.7240,
53.2512

■ 67.5105, 66.3501,
59.1185

■ 18.5398, 21.8563,
53.1114

■ 74.0770, 71.7107,
59.8071

■ 75.4535, 74.4638,
60.2660

■ 76.8763, 77.3094,
60.7402

Harmonies

Analogous

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



31.2825, 38.0529, 47.9440



32.9154, 38.0529, 55.4793



35.4845, 38.0529, 59.3349

Triad

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



32.9154, 38.0529, 55.4793



41.9728, 38.0529, 43.4350



34.0473, 38.0529, 28.4232

Complementary

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



32.9154, 38.0529, 55.4793



35.4137, 32.6340, 23.8353

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.



36.8605, 38.0529, 27.5515



32.9154, 38.0529, 55.4793



41.5377, 38.0529, 35.5402

Square

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



32.9154, 38.0529, 55.4793



40.7877, 38.0529, 51.8049



39.6284, 38.0529, 29.9836



31.9113, 38.0529, 32.5472

Rectangle

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



32.9154, 38.0529, 55.4793



37.4235, 38.0529, 58.9807



39.6284, 38.0529, 29.9836



34.9411, 38.0529, 27.7648

Sweetspot

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



32.9166, 38.0544, 55.4802



80.2579, 86.8788, 102.8995



32.3406, 44.0731, 33.1821



16.9242, 18.3931, 22.0435



92.9021, 97.7402, 106.4391



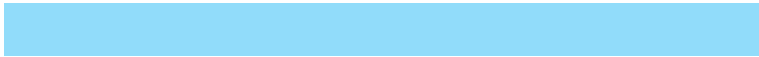
19.4759, 20.4902, 22.3138

Same Dimension

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



32.9166, 38.0544, 55.4802



54.5361, 64.1695, 99.8719



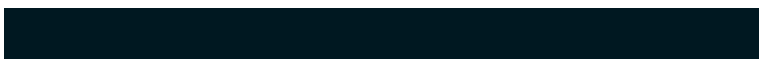
27.2803, 26.7818, 53.6014



10.1194, 10.9301, 12.8612



12.5440, 14.8444, 35.7607



0.5981, 0.7537, 1.5638

Inverse Universe

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



36.6156, 28.8917, 43.1837



62.4417, 45.7133, 73.3389



41.2584, 44.3235, 25.7836



10.3716, 10.1972, 12.0472



17.7276, 8.7808, 17.0094



0.7943, 0.3907, 0.8841

Previews

White Background



This preview shows how the XYZ color 32.9154, 38.0529, 55.4793 looks on a white background.

Color Contrast Check

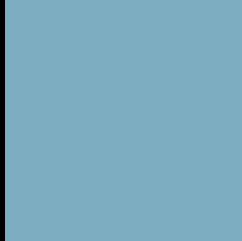
Large Text (above 18pt) WCAG AA × Fail

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 32.9154, 38.0529, 55.4793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

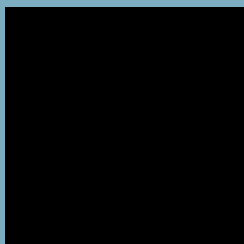
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

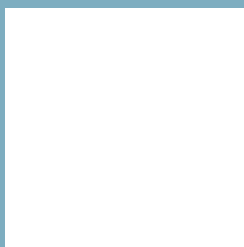
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9154, 38.0529, 55.4793

Background



This preview shows how black text looks on a background with the XYZ color 32.9154, 38.0529, 55.4793.



This preview shows how white text looks on a background with the XYZ color 32.9154, 38.0529,

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

32.9154, 38.0529, 55.4793

Protanopia

37.0387, 37.7775, 51.7940

Deuteranopia

38.4188, 37.6003, 56.2716



Tritanopia

32.5253, 38.1880, 53.2337

Trichromacy



Original Color

32.9154, 38.0529, 55.4793

Protanomaly

35.2902, 37.6578, 52.9856

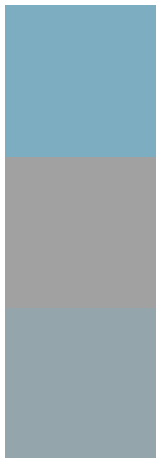
Deuteranomaly

36.0297, 37.4359, 55.7790

Tritanomaly

32.6335, 38.2313, 53.8035

Monochromacy



Original Color

32.9154, 38.0529, 55.4793

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.1143, 36.1847, 44.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9154, 38.0529, 55.4793 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(125, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(125, 173, 192)  
}
```

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(125, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 173, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.9154, 38.0529, 55.4793 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(125, 173, 192) }
```


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

```
.border{ border-color:rgb(125, 173, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 173, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(125, 173,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9154, 38.0529, 55.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 173, 192) }
```

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

```
.background{ background-color: rgb(125,  
173, 192) }
```

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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