Converting Colors

XYZ(29.3922, 38.5032, 55.3099)

Have a look what the booklet for XYZ(29.3922, 38.5032, 55.3099) contains.

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Color

XYZ(29.4075, 38.6032, 55.1914)

Conversions

Conversions Part 1

Format	Color
Hex	52B5BF
RGB	82, 181, 191
RGB Percent	32%, 71%, 75%
CMY	0.6784, 0.2902, 0.2510
CMYK	0.57, 0.05, 0.00, 0.25
HSL	186°, 46%, 54%
HSV	186°, 57%, 75%
XYZ	29.4075, 38.6032, 55.1914
YIQ	152.5390, -62.2140, -17.8780

Conversions

Conversions Part 2

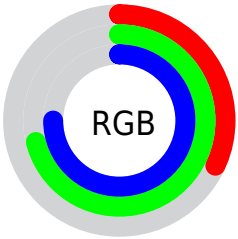
Format	Color
RYB	82, 134, 191
Decimal	5420479
CIELab	68.46, -25.89, -13.84
CIELCh	68, 29.355, 208.130
Yxy	38.6032, 0.2387, 0.3133
Android (android.graphics.Color)	4283610559 (0xFF52B5BF)
YUV	152.5390, 18.9613, -61.8627
Hunter-Lab	62.1315, -24.2441, -9.1753

Details

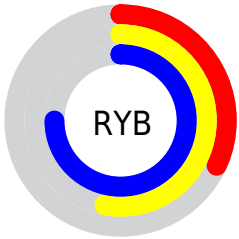
The XYZ color 29.4075, 38.6032, 55.1914 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 26.8367, 19.3406, 10.3023, and the grayscale version is 30.0190, 31.5823, 34.3931.

A 20% lighter version of the original color is 58.0572, 72.9465, 99.0158, and 12.3066, 17.2733, 26.7302 is the 20% darker color. If you saturate the color by 10%, you get 27.6184, 37.1562, 55.0071, and if you desaturate by 10%, it is 31.6657, 40.3004, 55.4007.

Distribution

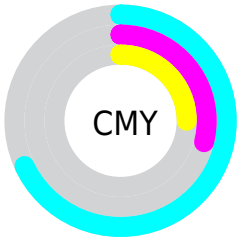


- Red (32%)
- Green (71%)
- Blue (75%)



- Red (32%)
- Yellow (53%)
- Blue (75%)

- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (68%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4075, 38.6032, 55.1914 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 29.4075, 38.6032, 55.1914 by changing the saturation by 10% instead.

29.4075, 38.6032, 55.1914

29.4075, 38.6032, 55.1914

291.0925, 340.2005, 423.9394

19.5351, 26.4512, 39.1553

58.1170, 73.0318, 99.2953

12.1639, 17.1615, 26.5718

77.6848, 96.0771, 128.2002

6.9284, 10.3497, 17.0223

101.2152, 123.5223, 162.2318

3.4633, 5.6314, 10.0883

129.0734, 155.7518, 201.8087

1.4032, 2.6223, 5.3512

161.6249, 193.1500, 247.3494

0.2585, 0.9379, 2.3924

199.2350,

0.0000, 0.0000,

236.1012, 299.2723

0.7823

242.2691, 284.9899, 357.9962

0.0000, 0.0000, 0.0000

29.4075, 38.6032, 55.1914

29.4075, 38.6032, 55.1914

27.6184, 37.1562, 55.0071

31.6657, 40.3004, 55.4007

26.2553, 35.9345, 54.8431

34.4243, 42.2614, 55.6338

25.2735, 34.9161, 54.6983

37.7162, 44.5040, 55.8932

24.6093, 34.0679, 54.5696

41.5701, 47.0431, 56.1801

24.4400, 33.8335, 54.5333

46.0131, 49.8926, 56.4960

51.0703, 53.0655, 56.8419

56.7653, 56.5740, 57.2189

63.1204, 60.4297, 57.6282

70.1571, 64.6435, 58.0706

Harmonies

Analogous

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

28.5162, 38.6032, 41.2082

29.4075, 38.6032, 55.1914

32.2017, 38.6032, 67.5251

Triad

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

29.4075, 38.6032, 55.1914

44.7565, 38.6032, 56.9323

36.9816, 38.6032, 21.4020

Complementary

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

29.4075, 38.6032, 55.1914

26.8367, 19.3406, 10.3023

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.

41.5797, 38.6032, 23.9303

29.4075, 38.6032, 55.1914

46.2959, 38.6032, 42.8673

Square

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

29.4075, 38.6032, 55.1914

41.0368, 38.6032, 68.6694

45.0880, 38.6032, 31.1511

32.6638, 38.6032, 23.3650

Rectangle

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

29.4075, 38.6032, 55.1914

34.8957, 38.6032, 72.1369

45.0880, 38.6032, 31.1511

38.5473, 38.6032, 21.7418

Sweetspot

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

29.4087, 38.6047, 55.1923

74.3007, 84.1555, 100.6067

24.0033, 39.8130, 16.3370

15.9901, 18.2676, 22.0685

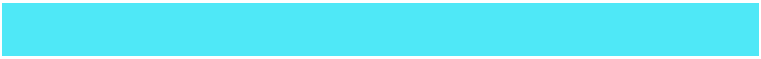
92.9021, 97.7402, 106.4391

19.4759, 20.4902, 22.3138

Same Dimension

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

29.4087, 38.6047, 55.1923



48.9141, 66.0747, 98.4548

20.5279, 20.8432, 52.2321

9.7317, 10.6558, 12.2161

16.0926, 22.2969, 35.8485

0.6524, 0.9176, 1.4116

Inverse Universe

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

32.8446, 20.4482, 45.9335

55.8426, 31.2735, 79.3785

33.2245, 32.1162, 12.4316

9.8912, 9.6808, 11.8161

19.1236, 9.2806, 27.0080

0.7602, 0.3680, 1.1166

Previews

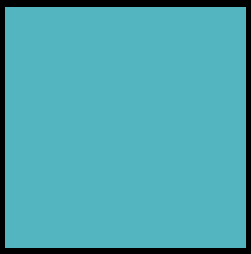
White Background

This preview shows how the XYZ color 29.4075, 38.6032, 55.1914 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



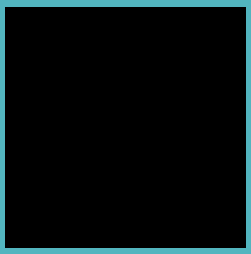
This preview shows how the XYZ color 29.4075, 38.6032, 55.1914 looks on a black background.

Color Contrast Check

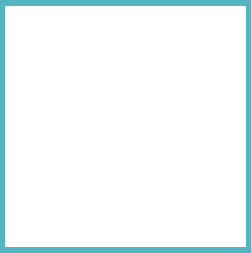
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 29.4075, 38.6032, 55.1914 Background



This preview shows how black text looks on a background with the XYZ color 29.4075, 38.6032, 55.1914.



This preview shows how white text looks on a background with the XYZ color 29.4075, 38.6032,

55.1914.

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

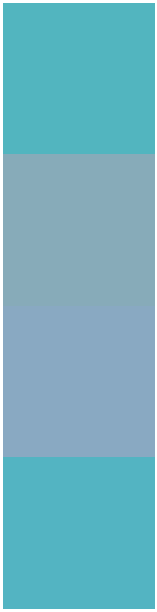
Original Color
29.4075, 38.6032, 55.1914

Protanopia
37.3127, 38.2458, 49.1316

Deuteranopia
38.9191, 38.1056, 56.9336

Tritanopia
29.8277, 38.4675, 57.4826

Trichromacy



Original Color
29.4075, 38.6032, 55.1914

Protanomaly
33.3115, 37.7795, 51.4354

Deuteranomaly
34.2421, 37.5893, 56.4897

Tritanomaly
29.6261, 38.3766, 56.8849

Monochromacy

Original Color
29.4075, 38.6032, 55.1914

Achromatopsia
30.2779, 31.8547, 34.6897

Achromatomaly
28.8246, 33.4964, 41.5055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4075, 38.6032, 55.1914 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(82, 181, 191) looks like.

```
.text, #text, p{
    color:rgb(82, 181, 191)
}
```

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(82, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 181, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.4075, 38.6032, 55.1914 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(82, 181, 191) }
```

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

```
.border{ border-color:rgb(82, 181, 191) }
```

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

Here you see how a box with a 4 pixel rgb(82, 181, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(82, 181, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(82, 181, 191); box-shadow:4px 4px 4px 4px rgb(82, 181, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4075, 38.6032, 55.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(82, 181, 191) }
```

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

```
.background{ background-color:rgb(82, 181,
191) }
```

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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