

Converting Colors

XYZ(32.1112, 42.8174, 55.2294)

Have a look what the booklet for
XYZ(32.1112, 42.8174, 55.2294)
contains.

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Color

**XYZ(32.1214, 42.8199,
55.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBEBE
RGB	92, 190, 190
RGB Percent	36%, 75%, 75%
CMY	0.6392, 0.2549, 0.2549
CMYK	0.52, 0.00, 0.00, 0.25
HSL	180°, 43%, 55%
HSV	180°, 52%, 75%
XYZ	32.1214, 42.8199, 55.2873
YIQ	160.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

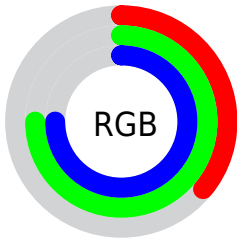
Format	Color
R _Y B	92, 141, 190
Decimal	6078142
CIE Lab	71.43, -28.59, -8.81
CIE LCh	71, 29.917, 197.131
Yxy	42.8199, 0.2467, 0.3288
Android (android.graphics.Color)	4284268222 (0xFF5CBEBE)
YUV	160.6980, 14.4459, -60.2481
Hunter-Lab	65.4369, -26.8933, -4.2880

Details

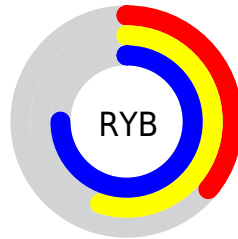
The XYZ color **32.1214, 42.8199, 55.2873** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.9956, 19.3756, 12.4439**, and the grayscale version is **33.6920, 35.4466, 38.6013**.

A 20% lighter version of the original color is **62.4730, 79.6594, 99.2719**, and **13.6729, 19.5966, 26.7288** is the 20% darker color. If you saturate the color by 10%, you get **30.4565, 41.9626, 55.2102**, and if you desaturate by 10%, it is **34.2648, 43.9259, 55.3887**.

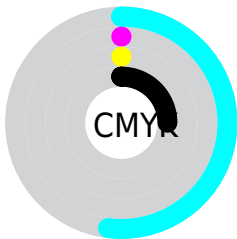
Distribution



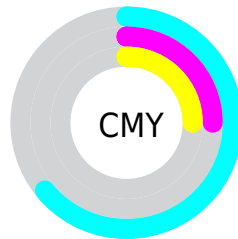
- Red (36%)
- Green (75%)
- Blue (75%)



- Red (36%)
- Yellow (55%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)





- Cyan (64%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1214, 42.8199, 55.2873 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 32.1214, 42.8199, 55.2873 by changing the saturation by 10% instead.


 32.1214, 42.8199,
55.2873


 32.1214, 42.8199,
55.2873


303.4074,
357.8706, 424.3127


 21.6102, 29.7438,
39.2316


 62.3653, 79.4390,
99.4371


 13.6858, 19.6442,
26.6308


 82.8287, 103.7508,
128.3684

 7.9827, 12.1367,
17.0661

 107.3402,
132.5767, 162.4286

 4.1356, 6.8368,
10.1192

 136.2653,
166.3010, 202.0363

 1.7791, 3.3603,
5.3714

169.9691,
205.3082, 247.6100

 0.5050, 1.3226,
2.4043

208.8172,

 0.0000, 0.1586,

249.9826, 299.5683

0.7888

253.1748,
300.7086, 358.3296

■ 0.0000, 0.0000,
0.0000

■ 32.1214, 42.8199,
55.2873

■ 32.1214, 42.8199,
55.2873

■ 30.4565, 41.9626,
55.2102

■ 34.2648, 43.9259,
55.3887

■ 29.2300, 41.3303,
55.1526

■ 36.9154, 45.2923,
55.5130

■ 28.4017, 40.9033,
55.1136

■ 40.1042, 46.9362,
55.6624

■ 27.9221, 40.6561,
55.0910

■ 43.8585, 48.8716,
55.8383

■ 27.7083, 40.5459,
55.0808

■ 48.2039, 51.1117,
56.0418

■ 53.1643, 53.6689,
56.2741

■ 58.7624, 56.5548,
56.5363

■ 65.0197, 59.7806,
56.8293

■ 68.9488, 61.8061,
57.0134

Harmonies

Analogous

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



31.9624, 42.8199, 40.7102



32.1214, 42.8199, 55.2873



34.4546, 42.8199, 70.0708

Triad

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



32.1214, 42.8199, 55.2873



48.2241, 42.8199, 68.1732



42.8962, 42.8199, 24.4602

Complementary

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



32.1214, 42.8199, 55.2873



26.9956, 19.3756, 12.4439

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.



47.6557, 42.8199, 29.0947



32.1214, 42.8199, 55.2873



50.8982, 42.8199, 53.0835

Square

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



32.1214, 42.8199, 55.2873



43.6213, 42.8199, 78.4999



50.6820, 42.8199, 38.9158



37.9103, 42.8199, 24.8093

Rectangle

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



32.1214, 42.8199, 55.2873



37.0472, 42.8199, 77.1623



50.6820, 42.8199, 38.9158



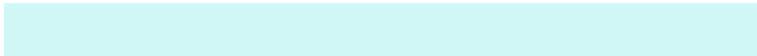
44.5832, 42.8199, 25.4387

Sweetspot

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



32.1227, 42.8216, 55.2883



76.8593, 87.2108, 101.0611



24.9252, 39.9616, 16.5261



16.5574, 18.9856, 22.1771



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.



32.1227, 42.8216, 55.2883



54.8255, 75.8520, 100.0284



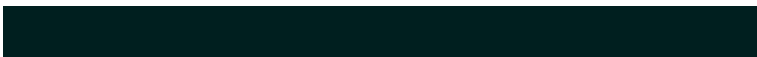
23.4769, 25.5297, 52.4073



9.8086, 10.8096, 12.2417



18.4239, 26.9598, 36.6244



0.7217, 1.0560, 1.4346

Inverse Universe

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



26.9956, 19.3756, 12.4439



44.5036, 28.6501, 13.7730



32.4544, 30.2932, 14.2631



9.5302, 9.5364, 9.9151



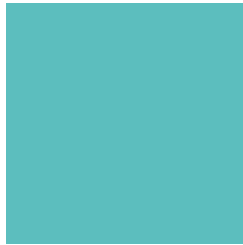
14.1202, 7.2793, 0.6609



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 32.1214, 42.8199, 55.2873 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 32.1214, 42.8199, 55.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

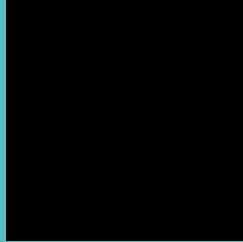
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1214, 42.8199, 55.2873

Background



This preview shows how black text looks on a background with the XYZ color 32.1214, 42.8199, 55.2873.

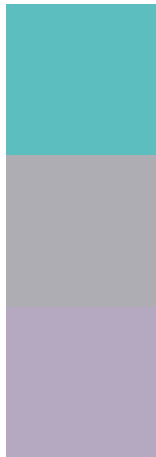


This preview shows how white text looks on a background with the XYZ color 32.1214, 42.8199,

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

32.1214, 42.8199, 55.2873

Protanopia

40.8610, 42.2964, 49.1904

Deuteranopia

42.9816, 42.0947, 56.8987



Tritanopia

33.6925, 42.8196, 62.9891

Trichromacy



Original Color

32.1214, 42.8199, 55.2873

Protanomaly

36.4489, 41.7206, 51.4792

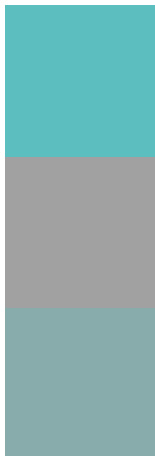
Deuteranomaly

37.7422, 41.6841, 56.5087

Tritanomaly

33.1100, 42.9053, 59.9626

Monochromacy



Original Color

32.1214, 42.8199, 55.2873

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.3523, 37.7178, 44.6049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1214, 42.8199, 55.2873 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(92, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(92, 190, 190)  
}
```

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(92, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 190, 190) }
```

Border

The CSS property to change the border of an element to XYZ 32.1214, 42.8199, 55.2873 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(92, 190, 190) }
```


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

```
.border{ border-color:rgb(92, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(92, 190,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1214, 42.8199, 55.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 190, 190) }
```

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

```
.background{ background-color: rgb(92, 190,  
190) }
```

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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