

Converting Colors

XYZ(53.6965, 64.7638, 68.7022)

Have a look what the booklet for
XYZ(53.6965, 64.7638, 68.7022)
contains.

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Color

**XYZ(53.6965, 64.7639,
68.7021)**

Conversions

Conversions Part 1

Format	Color
Hex	AADDCF
RGB	170, 221, 207
RGB Percent	67%, 87%, 81%
CMY	0.3333, 0.1333, 0.1882
CMYK	0.23, 0.00, 0.06, 0.13
HSL	164°, 43%, 77%
HSV	164°, 23%, 87%
XYZ	53.6965, 64.7639, 68.7021
YIQ	204.1550, -25.9020, -15.1660

Conversions

Conversions Part 2

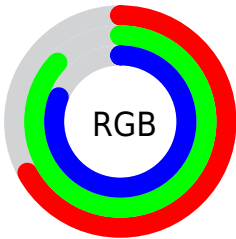
Format	Color
RYB	170, 200, 221
Decimal	11197903
CIELab	84.36, -19.26, 1.50
CIELCh	84, 19.314, 175.554
Yxy	64.7639, 0.2869, 0.3460
Android (android.graphics.Color)	4289387983 (0xFFAADDCE)
YUV	204.1550, 1.4026, -29.9539
Hunter-Lab	80.4760, -21.7314, 5.7175

Details

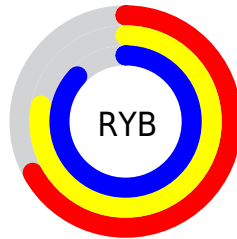
The XYZ color **53.6965, 64.7639, 68.7021** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8475, 47.5840, 51.7494**, and the grayscale version is **57.4971, 60.4914, 65.8751**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.7221, 33.3543, 35.1666** is the 20% darker color. If you saturate the color by 10%, you get **48.5874, 62.2159, 64.6657**, and if you desaturate by 10%, it is **59.6409, 67.7427, 72.9292**.

Distribution



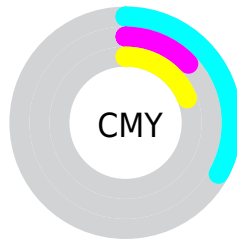
- Red (67%)
- Green (87%)
- Blue (81%)



- Red (67%)
- Yellow (78%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (33%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6965, 64.7639, 68.7021 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 53.6965, 64.7639, 68.7021 by changing the saturation by 10% instead.


 53.6965, 64.7639,
68.7021

 53.6965, 64.7639,
68.7021

391.1689,
441.9430, 474.6450

 38.5888, 47.2697,
49.9989


 94.7880, 111.7104,
119.0197

 26.6193, 33.2489,
35.0413


121.5025,
141.9314, 151.4711

 17.4226, 22.3172,
23.4109


152.8166,
177.1634, 189.3424

 10.6334, 14.0901,
14.6891

189.0956,
217.7909, 233.0520

 5.8864, 8.1834,
8.4573

230.7050,
264.1982, 283.0186

 2.8161, 4.2125,
4.2970

278.0102,

 1.0573, 1.7931,

316.7697, 339.6606

1.7896

331.3763,
375.8899, 403.3965

■ 0.0000, 0.4829,
0.4211

■ 0.0000, 0.0000,
0.0000

■ 53.6965, 64.7639,
68.7021

■ 53.6965, 64.7639,
68.7021

■ 48.5874, 62.2159,
64.6657

■ 59.6409, 67.7427,
72.9292

■ 44.2677, 60.0698,
60.8120


■ 66.4527, 71.1636,
77.3460


■ 40.6953, 58.3058,
57.1389


■ 74.1691, 75.0475,
81.9572


■ 37.8219, 56.8989,
53.6422


■ 81.5599, 78.7601,
86.7068

 35.5933, 55.8213,
50.3178


 82.4334, 79.1095,
91.3065


 33.9471, 55.0408,
47.1610

 83.3369, 79.4709,
96.0644

 32.8081, 54.5187,
44.1664

 84.2708, 79.8445,
100.9818

 32.2315, 54.2647,
42.1835

 85.1476, 80.1952,
105.5992

Harmonies

Analogous

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



55.0042, 64.7639, 57.9862



53.6965, 64.7639, 68.7021



54.4133, 64.7639, 81.2007

Triad

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



53.6965, 64.7639, 68.7021



65.1816, 64.7639, 94.0372



66.3385, 64.7639, 52.7818

Complementary

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



53.6965, 64.7639, 68.7021



52.8475, 47.5840, 51.7494

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.



69.2982, 64.7639, 60.8138



53.6965, 64.7639, 68.7021



68.6088, 64.7639, 84.7341

Square

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



53.6965, 64.7639, 68.7021



60.9192, 64.7639, 96.7756



70.1476, 64.7639, 72.3633



62.1975, 64.7639, 49.4977

Rectangle

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



53.6965, 64.7639, 68.7021



55.9613, 64.7639, 88.7532



70.1476, 64.7639, 72.3633



67.5120, 64.7639, 54.9671

Sweetspot

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



53.6983, 64.7666, 68.7036



88.0061, 96.4587, 104.5041



52.9893, 64.8639, 47.7585



18.7131, 20.5839, 22.2884



0.0000, 0.0000, 0.0000



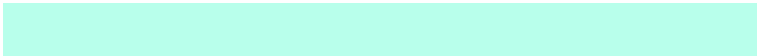
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6983, 64.7666, 68.7036



70.4843, 87.6822, 92.1078



52.6650, 59.8374, 77.1837



13.2844, 14.7654, 15.9605



18.7729, 31.5418, 24.7674



1.2518, 2.0577, 1.7920

Inverse Universe

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



52.8475, 47.5840, 51.7494



69.1012, 59.6965, 64.5073



53.6106, 51.3444, 45.1162



13.2022, 13.1100, 14.3260



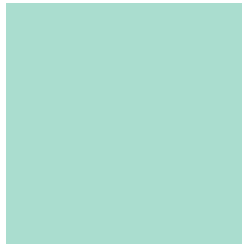
17.8476, 9.1401, 3.5775



1.1923, 0.6066, 0.4217

Previews

White Background



This preview shows how the XYZ color 53.6965, 64.7639, 68.7021 looks on a white background.

Color Contrast Check

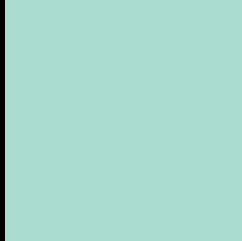
Large Text (above 18pt) WCAG AA × Fail

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 53.6965, 64.7639, 68.7021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

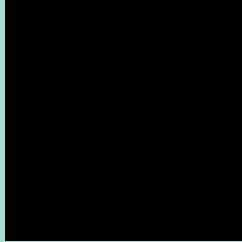
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

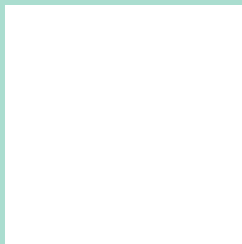
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6965, 64.7639, 68.7021

Background



This preview shows how black text looks on a background with the XYZ color 53.6965, 64.7639, 68.7021.



This preview shows how white text looks on a background with the XYZ color 53.6965, 64.7639,

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

53.6965, 64.7639, 68.7021

Protanopia

61.5447, 64.3700, 63.8245

Deuteranopia

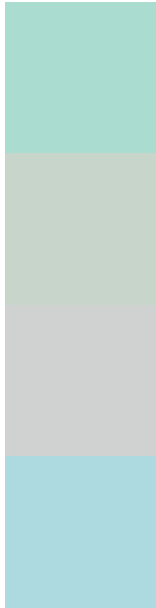
65.7469, 64.2380, 70.5620



Tritanopia

57.3433, 64.6802, 87.3041

Trichromacy



Original Color

53.6965, 64.7639, 68.7021

Protanomaly

58.1269, 64.0424, 65.7977

Deuteranomaly

60.6919, 64.1562, 70.1574

Tritanomaly

55.7595, 64.4089, 80.0143

Monochromacy



Original Color

53.6965, 64.7639, 68.7021

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.8043, 61.7074, 66.7271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6965, 64.7639, 68.7021 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(170, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(170, 221, 207)  
}
```

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(170, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 221, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.6965, 64.7639, 68.7021 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(170, 221, 207) }
```


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

```
.border{ border-color:rgb(170, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(170, 221,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6965, 64.7639, 68.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 221, 207) }
```

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

```
.background{ background-color: rgb(170,  
221, 207) }
```

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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