

Converting Colors

XYZ(53.7245, 62.6833, 65.5101)

Have a look what the booklet for
XYZ(53.7245, 62.6833, 65.5101)
contains.

XYZ(53.6703, 62.4964, 65.7342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6703, 62.4964,
65.7342)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D7CB
RGB	179, 215, 203
RGB Percent	70%, 84%, 80%
CMY	0.2980, 0.1568, 0.2039
CMYK	0.17, 0.00, 0.06, 0.16
HSL	160°, 31%, 77%
HSV	160°, 17%, 84%
XYZ	53.6703, 62.4964, 65.7342
YIQ	202.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

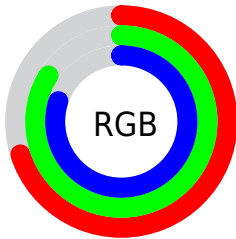
Format	Color
RYB	179, 201, 215
Decimal	11786187
CIELab	83.18, -14.21, 1.96
CIElCh	83, 14.349, 172.147
Yxy	62.4964, 0.2951, 0.3436
Android (android.graphics.Color)	4289976267 (0xFFB3D7CB)
YUV	202.8680, 0.0651, -20.9322
Hunter-Lab	79.0547, -17.1618, 6.0384

Details

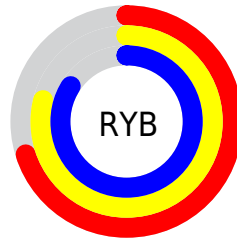
The XYZ color **53.6703, 62.4964, 65.7342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5506, 50.4504, 56.2084**, and the grayscale version is **56.6909, 59.6432, 64.9514**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **26.5998, 31.7472, 33.1596** is the 20% darker color. If you saturate the color by 10%, you get **48.2491, 59.7998, 61.1248**, and if you desaturate by 10%, it is **59.9094, 65.6134, 70.5907**.

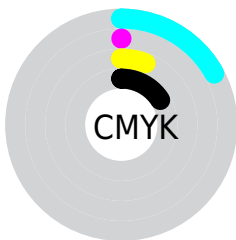
Distribution



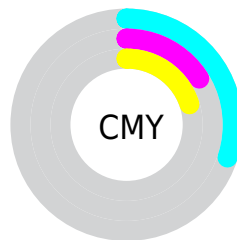
- Red (70%)
- Green (84%)
- Blue (80%)



- Red (70%)
- Yellow (79%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6703, 62.4964, 65.7342 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 53.6703, 62.4964, 65.7342 by changing the saturation by 10% instead.

■ 53.6703, 62.4964,
65.7342

■ 53.6703, 62.4964,
65.7342

391.0704,
433.7395, 463.8039

■ 38.5678, 45.4339,
47.6015

■ 94.7497, 108.4426,
114.7281

■ 26.6028, 31.7993,
33.1537

121.4573,
138.0952, 146.4265

■ 17.4102, 21.2083,
21.9721

152.7639,
172.7132, 183.4838

■ 10.6245, 13.2763,
13.6383

189.0350,
212.6812, 226.3186

■ 5.8804, 7.6191,
7.7337

230.6358,
258.3834, 275.3495

■ 2.8124, 3.8522,
3.8397

277.9317,

■ 1.0554, 1.5912,

310.2042, 330.9950

1.5378

331.2882,
368.5281, 393.6736

0.0000, 0.3517,
0.2459

0.0000, 0.0000,
0.0000

53.6703, 62.4964,
65.7342

53.6703, 62.4964,
65.7342

48.2491, 59.7998,
61.1248

59.9094, 65.6134,
70.5907

43.6041, 57.4972,
56.7538


66.9949, 69.1606,
75.6945


39.6979, 55.5709,
52.6181


74.9608, 73.1568,
81.0509

36.4879, 53.9992,
48.7128


80.0608, 75.6709,
86.4875


 33.9269, 52.7578,
45.0326


 81.0982, 76.0859,
91.9506


 31.9615, 51.8192,
41.5722


 82.1777, 76.5177,
97.6348

 30.5296, 51.1513,
38.3255

 83.2996, 76.9664,
103.5428

 29.5509, 50.7131,
35.2857

 83.5916, 77.0832,
105.0805

 29.2842, 50.5963,
34.3382

Harmonies

Analogous

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



54.8020, 62.4964, 58.0679



53.6703, 62.4964, 65.7342



54.0312, 62.4964, 74.7126

Triad

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



53.6703, 62.4964, 65.7342



61.6846, 62.4964, 85.1800



63.1476, 62.4964, 55.3980

Complementary

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



53.6703, 62.4964, 65.7342



53.5506, 50.4504, 56.2084

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.



65.1152, 62.4964, 61.7919



53.6703, 62.4964, 65.7342



64.2503, 62.4964, 79.1106

Square

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



53.6703, 62.4964, 65.7342



58.5875, 62.4964, 86.4679



65.5257, 62.4964, 70.4154



60.2219, 62.4964, 52.4494

Rectangle

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



53.6703, 62.4964, 65.7342



55.0755, 62.4964, 80.2029



65.5257, 62.4964, 70.4154



63.9471, 62.4964, 57.1876

Sweetspot

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



53.6721, 62.4990, 65.7356



89.8369, 97.3907, 105.1231



54.0762, 63.0126, 51.9612



19.0775, 20.7700, 22.3887



0.0000, 0.0000, 0.0000



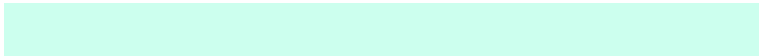
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6721, 62.4990, 65.7356



76.0940, 90.5302, 94.3502



53.8061, 60.3884, 73.1134



12.6080, 14.0342, 15.0161



17.5656, 30.2816, 20.8060



1.0972, 1.8415, 1.4534

Inverse Universe

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



53.5506, 50.4504, 56.2084



75.8844, 69.6663, 77.8560



53.3867, 52.1508, 49.9010



12.5923, 12.4884, 13.7934



17.4994, 8.9361, 4.6681



1.0934, 0.5541, 0.4811

Previews

White Background



This preview shows how the XYZ color 53.6703, 62.4964, 65.7342 looks on a white background.

Color Contrast Check

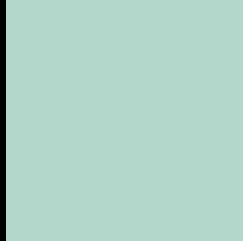
Large Text (above 18pt) WCAG AA × Fail

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 53.6703, 62.4964, 65.7342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

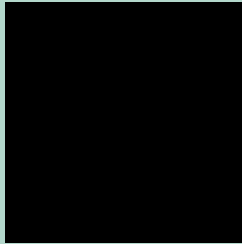
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

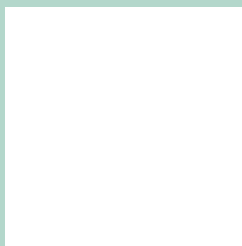
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6703, 62.4964, 65.7342

Background



This preview shows how black text looks on a background with the XYZ color 53.6703, 62.4964, 65.7342.



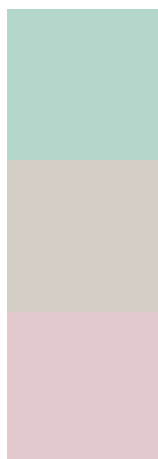
This preview shows how white text looks on a background with the XYZ color 53.6703, 62.4964,

65.7342.

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

53.6703, 62.4964, 65.7342

Protanopia

59.4157, 62.2169, 62.3036

Deuteranopia

63.4734, 62.0957, 67.0328



Tritanopia

57.0650, 62.3803, 82.4317

Trichromacy



Original Color

53.6703, 62.4964, 65.7342

Protanomaly

57.0452, 62.0504, 63.6139

Deuteranomaly

59.4291, 61.7721, 66.5486

Tritanomaly

55.6211, 62.1465, 76.0818

Monochromacy



Original Color

53.6703, 62.4964, 65.7342

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.3405, 60.4068, 65.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6703, 62.4964, 65.7342 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(179, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(179, 215, 203)  
}
```

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(179, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 215, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.6703, 62.4964, 65.7342 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(179, 215, 203) }
```


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

```
.border{ border-color:rgb(179, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(179, 215,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6703, 62.4964, 65.7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 215, 203) }
```

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

```
.background{ background-color: rgb(179,  
215, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor