

Converting Colors

XYZ(53.6204, 64.9403, 66.9078)

Have a look what the booklet for
XYZ(53.6204, 64.9403, 66.9078)
contains.

XYZ(53.5501, 64.7305, 66.7986)	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(53.5501, 64.7305,
66.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDDCC
RGB	171, 221, 204
RGB Percent	67%, 87%, 80%
CMY	0.3294, 0.1333, 0.2000
CMYK	0.23, 0.00, 0.08, 0.13
HSL	160°, 42%, 77%
HSV	160°, 23%, 87%
XYZ	53.5501, 64.7305, 66.7986
YIQ	204.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

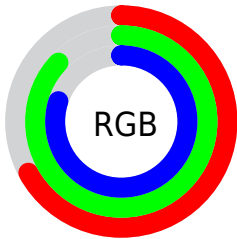
Format	Color
R _Y B	171, 201, 221
Decimal	11263436
CIE Lab	84.34, -19.56, 3.07
CIE LCh	84, 19.797, 171.088
Yxy	64.7305, 0.2893, 0.3497
Android (android.graphics.Color)	4289453516 (0xFFABDDCC)
YUV	204.1120, -0.0552, -29.0392
Hunter-Lab	80.4553, -21.9892, 7.0927

Details

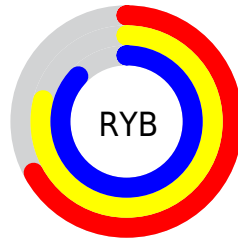
The XYZ color **53.5501, 64.7305, 66.7986** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4610, 48.1304, 54.0520**, and the grayscale version is **57.4781, 60.4715, 65.8534**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.6125, 33.3260, 33.8841** is the 20% darker color. If you saturate the color by 10%, you get **48.2534, 62.1033, 61.9594**, and if you desaturate by 10%, it is **59.6988, 67.7953, 71.9075**.

Distribution



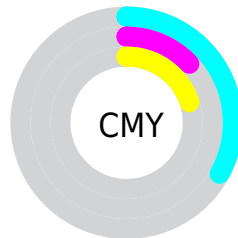
- Red (67%)
- Green (87%)
- Blue (80%)



- Red (67%)
- Yellow (79%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (33%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5501, 64.7305, 66.7986 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 53.5501, 64.7305, 66.7986 by changing the saturation by 10% instead.

■ 53.5501, 64.7305,
66.7986

■ 53.5501, 64.7305,
66.7986

390.6185,
441.8229, 467.7095

■ 38.4713, 47.2426,
48.4604

■ 94.5741, 111.6623,
116.2697

■ 26.5276, 33.2275,
33.8291

121.2501,
141.8750, 148.2397

■ 17.3535, 22.3008,
22.4860

152.5225,
177.0981, 185.5906

■ 10.5837, 14.0781,
14.0127

188.7567,
217.7159, 228.7412

■ 5.8529, 8.1750,
7.9907

230.3180,
264.1129, 278.1098

■ 2.7956, 4.2071,
4.0013


277.5718,

■ 1.0466, 1.7901,


316.6735, 334.1150


1.6261


330.8836,
375.7820, 397.1754

 0.0000, 0.4810,
0.3093


 0.0000, 0.0000,
0.0000


 53.5501, 64.7305,
66.7986


 53.5501, 64.7305,
66.7986


 48.2534, 62.1033,
61.9594


 59.6988, 67.7953,
71.9075

 43.7627, 59.8850,
57.3804

 66.7319, 71.3093,
77.2866

 40.0357, 58.0555,
53.0578

 74.6867, 75.2931,
82.9421

 37.0240, 56.5899,
48.9861

 81.9578, 78.9194,
88.8018

■ 34.6736, 55.4605,
45.1593

■ 83.0612, 79.3607,
94.6119

■ 32.9221, 54.6352,
41.5711

■ 84.2109, 79.8206,
100.6662

■ 31.6947, 54.0754,
38.2144

■ 85.1477, 80.1953,
105.5992

■ 31.0346, 53.7861,
35.8808

Harmonies

Analogous

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



55.1822, 64.7305, 56.3496



53.5501, 64.7305, 66.7986



53.9740, 64.7305, 79.5492

Triad

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



53.5501, 64.7305, 66.7986



64.6144, 64.7305, 95.5503



66.9848, 64.7305, 53.2809

Complementary

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



53.5501, 64.7305, 66.7986



53.4610, 48.1304, 54.0520

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.



69.7480, 64.7305, 62.1287



53.5501, 64.7305, 66.7986



68.3348, 64.7305, 86.7959

Square

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



53.5501, 64.7305, 66.7986



60.2250, 64.7305, 97.1867



70.2535, 64.7305, 74.2953



62.8424, 64.7305, 49.1784

Rectangle

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



53.5501, 64.7305, 66.7986



55.3743, 64.7305, 87.6074



70.2535, 64.7305, 74.2953



68.1138, 64.7305, 55.7453

Sweetspot

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



53.5519, 64.7332, 66.8001



87.8232, 96.3856, 103.5410



54.0716, 65.4110, 48.3047



18.6707, 20.5670, 22.0650



0.0000, 0.0000, 0.0000



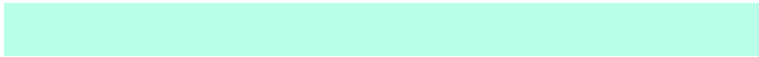
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5519, 64.7332, 66.8001



70.5532, 87.7807, 89.2625



53.7680, 61.7214, 77.4894



13.2469, 14.7504, 15.7632



18.0826, 31.2657, 21.1322



1.2112, 2.0414, 1.5781

Inverse Universe

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



53.4610, 48.1304, 54.0520



70.4088, 61.0724, 68.7641



53.1916, 50.3542, 45.4448



13.2378, 13.1242, 14.5137



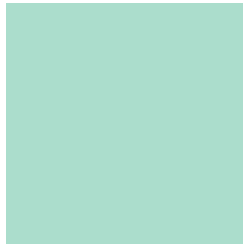
18.1106, 9.2453, 4.9626



1.2128, 0.6148, 0.5297

Previews

White Background



This preview shows how the XYZ color 53.5501, 64.7305, 66.7986 looks on a white background.

Color Contrast Check

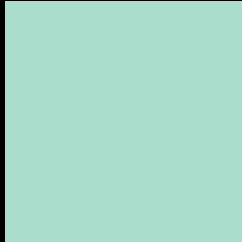
Large Text (above 18pt) WCAG AA × Fail

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 53.5501, 64.7305, 66.7986 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

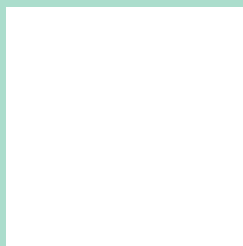
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5501, 64.7305, 66.7986

Background



This preview shows how black text looks on a background with the XYZ color 53.5501, 64.7305, 66.7986.

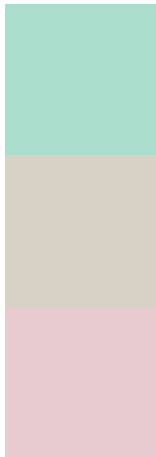


This preview shows how white text looks on a background with the XYZ color 53.5501, 64.7305,

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

53.5501, 64.7305, 66.7986

Protanopia

61.1974, 64.2311, 61.9957

Deuteranopia

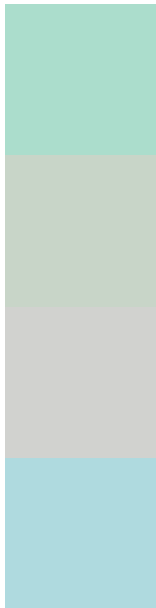
65.6961, 64.2549, 68.6144



Tritanopia

57.7956, 64.9133, 87.3253

Trichromacy



Original Color

53.5501, 64.7305, 66.7986

Protanomaly

58.0390, 64.0380, 63.9452

Deuteranomaly

60.6036, 64.1535, 68.2202

Tritanomaly

56.0699, 64.5845, 79.3229

Monochromacy



Original Color

53.5501, 64.7305, 66.7986

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6839, 61.6593, 66.0933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5501, 64.7305, 66.7986 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(171, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 221, 204)  
}
```

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(171, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 221, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.5501, 64.7305, 66.7986 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(171, 221, 204) }
```


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

```
.border{ border-color:rgb(171, 221, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 221,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5501, 64.7305, 66.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 221, 204) }
```

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

```
.background{ background-color: rgb(171,  
221, 204) }
```

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