

Converting Colors

XYZ(54.1297, 64.8140, 65.9118)

Have a look what the booklet for
XYZ(54.1297, 64.8140, 65.9118)
contains.

XYZ(54.0519, 64.6122, 66.1225)	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(54.0519, 64.6122,
66.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDCCB
RGB	175, 220, 203
RGB Percent	69%, 86%, 80%
CMY	0.3137, 0.1372, 0.2039
CMYK	0.20, 0.00, 0.08, 0.14
HSL	157°, 39%, 77%
HSV	157°, 20%, 86%
XYZ	54.0519, 64.6122, 66.1225
YIQ	204.6070, -21.3630, -14.8270

Conversions

Conversions Part 2

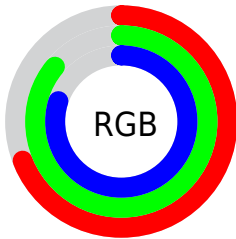
Format	Color
R_{YB}	175, 203, 220
Decimal	11525323
CIE _{Lab}	84.28, -18.01, 3.54
CIE _{LCh}	84, 18.352, 168.889
Yxy	64.6122, 0.2925, 0.3497
Android (android.graphics.Color)	4289715403 (0xFFAFDCCB)
YUV	204.6070, -0.7923, -25.9653
Hunter-Lab	80.3817, -20.6374, 7.4949

Details

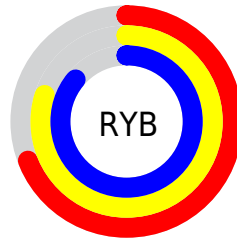
The XYZ color **54.0519, 64.6122, 66.1225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3619, 49.6830, 56.5965**, and the grayscale version is **57.7948, 60.8047, 66.2163**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.9060, 33.2178, 33.4273** is the 20% darker color. If you saturate the color by 10%, you get **48.5468, 61.8874, 60.8326**, and if you desaturate by 10%, it is **60.4182, 67.7784, 71.7327**.

Distribution



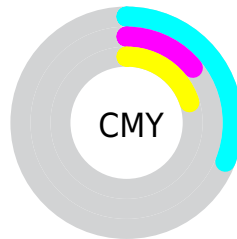
- Red (69%)
- Green (86%)
- Blue (80%)



- Red (69%)
- Yellow (80%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)





- Cyan (31%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0519, 64.6122, 66.1225 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 54.0519, 64.6122, 66.1225 by changing the saturation by 10% instead.


 54.0519, 64.6122,
66.1225

 54.0519, 64.6122,
66.1225


392.5030,
441.3971, 465.2310

 38.8740, 47.1467,
47.9147


 95.3069, 111.4921,
115.2908

 26.8420, 33.1516,
33.3999


122.1147,
141.6754, 147.0885

 17.5906, 22.2426,
22.1593


153.5298,
176.8666, 184.2531

 10.7543, 14.0353,
13.7746

189.9176,
217.4503, 227.2034

 5.9680, 8.1452,
7.8271

231.6435,
263.8108, 276.3578

 2.8661, 4.1880,
3.8983

279.0728,

 1.0833, 1.7793,

316.3325, 332.1348

1.5697

332.5709,
375.3998, 394.9530

■ 0.0111, 0.4742,
0.2691

■ 0.0000, 0.0000,
0.0000

■ 54.0519, 64.6122,
66.1225

■ 54.0519, 64.6122,
66.1225

■ 48.5468, 61.8874,
60.8326

■ 60.4182, 67.7784,
71.7327

■ 43.8577, 59.5754,
55.8526

■ 67.6775, 71.3968,
77.6648

■ 39.9436, 57.6570,
51.1774

■ 75.8662, 75.4882,
83.9260

■ 36.7572, 56.1080,
46.8003

■ 82.0112, 78.5195,
90.3812

■ 34.2463, 54.9014,
42.7143

■ 83.2492, 79.0147,
96.9003

■ 32.3510, 54.0066,
38.9118

■ 84.5441, 79.5327,
103.7195

■ 31.0003, 53.3869,
35.3846

■ 84.8844, 79.6688,
105.5115

■ 30.1013, 52.9916,
32.2646

Harmonies

Analogous

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



55.7051, 64.6122, 56.6263



54.0519, 64.6122, 66.1225



54.3045, 64.6122, 77.8561

Triad

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



54.0519, 64.6122, 66.1225



63.9792, 64.6122, 93.7466



66.6999, 64.6122, 54.7872

Complementary

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



54.0519, 64.6122, 66.1225



54.3619, 49.6830, 56.5965

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.



69.1140, 64.6122, 63.3457



54.0519, 64.6122, 66.1225



67.4959, 64.6122, 86.1330

Square

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



54.0519, 64.6122, 66.1225



59.9169, 64.6122, 94.7023



69.4115, 64.6122, 74.7575



62.9317, 64.6122, 50.5799

Rectangle

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



54.0519, 64.6122, 66.1225



55.5226, 64.6122, 85.3738



69.4115, 64.6122, 74.7575



67.7037, 64.6122, 57.2040

Sweetspot

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



54.0537, 64.6149, 66.1239



88.7265, 96.8461, 103.8188



55.1348, 65.5236, 50.2998



18.8498, 20.6586, 22.1053



0.0000, 0.0000, 0.0000



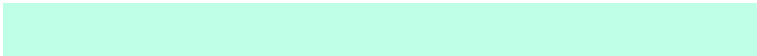
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0537, 64.6149, 66.1239



71.7204, 88.3935, 88.8192



54.8364, 62.7576, 76.9366



13.2254, 14.7418, 15.6501



17.7211, 31.1211, 19.2285



1.1894, 2.0327, 1.4636

Inverse Universe

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



54.3619, 49.6830, 56.5965



72.2343, 63.5543, 72.9766



53.6269, 51.0560, 47.5867



13.2585, 13.1325, 14.6227



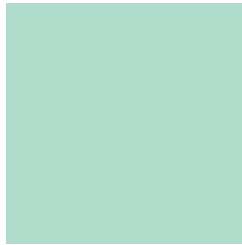
18.2913, 9.3175, 5.9139



1.2261, 0.6201, 0.5995

Previews

White Background



This preview shows how the XYZ color 54.0519, 64.6122, 66.1225 looks on a white background.

Color Contrast Check

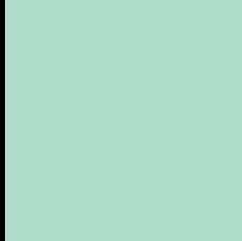
Large Text (above 18pt) WCAG AA × Fail

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 54.0519, 64.6122, 66.1225 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

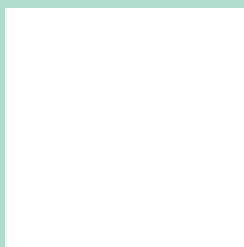
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0519, 64.6122, 66.1225

Background



This preview shows how black text looks on a background with the XYZ color 54.0519, 64.6122, 66.1225.

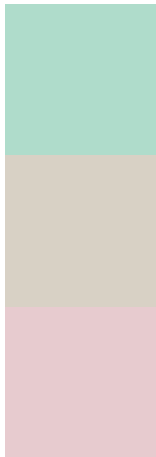


This preview shows how white text looks on a background with the XYZ color 54.0519, 64.6122,

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

54.0519, 64.6122, 66.1225

Protanopia

61.1974, 64.2311, 61.9957

Deuteranopia

65.5734, 64.2058, 67.9683



Tritanopia

58.3199, 64.8187, 86.5283

Trichromacy



Original Color

54.0519, 64.6122, 66.1225

Protanomaly

58.1904, 64.1295, 63.3441

Deuteranomaly

60.8050, 63.9060, 67.5229

Tritanomaly

56.5881, 64.4833, 78.5713

Monochromacy



Original Color

54.0519, 64.6122, 66.1225

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1938, 61.9222, 66.1172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0519, 64.6122, 66.1225 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(175, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(175, 220, 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(175, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 220, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.0519, 64.6122, 66.1225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

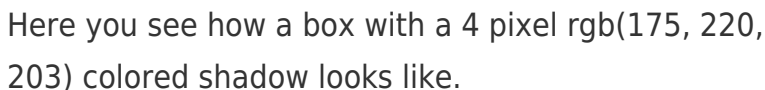
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 220, 203) }
```


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

```
.border{ border-color:rgb(175, 220, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 220, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 220, 203); box-shadow:4px 4px 4px 4px rgb(175, 220, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0519, 64.6122, 66.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 220, 203) }
```

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

```
.background{ background-color: rgb(175,  
220, 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](#).

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