

Converting Colors

XYZ(54.5189, 64.6920, 64.0710)

Have a look what the booklet for
XYZ(54.5189, 64.6920, 64.0710)
contains.

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Color

**XYZ(54.3473, 64.4169,
64.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DBC8
RGB	179, 219, 200
RGB Percent	70%, 86%, 78%
CMY	0.2980, 0.1412, 0.2157
CMYK	0.18, 0.00, 0.09, 0.14
HSL	151°, 36%, 78%
HSV	151°, 18%, 86%
XYZ	54.3473, 64.4169, 64.2129
YIQ	204.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

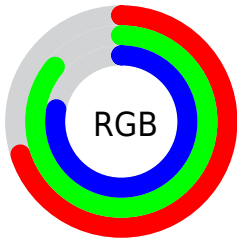
Format	Color
RYB	179, 205, 219
Decimal	11787208
CIELab	84.18, -16.82, 5.01
CIElCh	84, 17.549, 163.417
Yxy	64.4169, 0.2970, 0.3520
Android (android.graphics.Color)	4289977288 (0xFFB3DBC8)
YUV	204.8740, -2.4029, -22.6915
Hunter-Lab	80.2601, -19.5859, 8.7466

Details

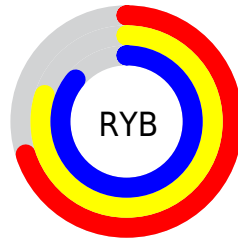
The XYZ color **54.3473, 64.4169, 64.2129** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5289, 51.3792, 60.4195**, and the grayscale version is **57.9726, 60.9917, 66.4200**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.0680, 33.0619, 32.1491** is the 20% darker color. If you saturate the color by 10%, you get **48.5075, 61.5439, 57.8077**, and if you desaturate by 10%, it is **61.0773, 67.7428, 71.0944**.

Distribution



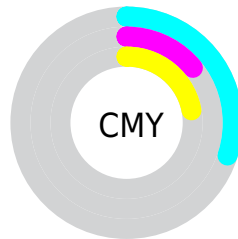
- Red (70%)
- Green (86%)
- Blue (78%)



- Red (70%)
- Yellow (80%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)





- Cyan (30%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3473, 64.4169, 64.2129 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 54.3473, 64.4169, 64.2129 by changing the saturation by 10% instead.


 54.3473, 64.4169,
64.2129

 54.3473, 64.4169,
64.2129


393.6098,
440.6936, 458.1866

 39.1112, 46.9884,
46.3758


 95.7379, 111.2111,
112.5199

 27.0273, 33.0265,
32.1917


122.6231,
141.3457, 143.8269

 17.7304, 22.1467,
21.2419


154.1220,
176.4843, 180.4610

 10.8551, 13.9648,
13.1080

190.5999,
217.0115, 222.8408

 6.0361, 8.0962,
7.3714

232.4224,
263.3117, 271.3846

 2.9079, 4.1565,
3.6135

279.9546,

 1.1052, 1.7615,

315.7691, 326.5112

1.4158

333.5619,
374.7683, 388.6390

■ 0.0295, 0.4630,
0.1540

■ 0.0000, 0.0000,
0.0000

■ 54.3473, 64.4169,
64.2129

■ 54.3473, 64.4169,
64.2129

■ 48.5075, 61.5439,
57.8077

■ 61.0773, 67.7428,
71.0944

■ 43.5131, 59.0956,
51.8642

■ 68.7291, 71.5324,
78.4579

■ 39.3233, 57.0529,
46.3730

■ 77.3393, 75.8061,
86.3146

■ 35.8916, 55.3920,
41.3228

■ 82.5421, 78.3132,
94.4680

■ 33.1666, 54.0866,
36.7018

■ 84.1466, 78.9550,
102.9168

■ 31.0899, 53.1070,
32.4977

■ 84.6227, 79.1455,
105.4242

■ 29.5933, 52.4180,
28.6969

■ 28.5778, 51.9690,
25.2844

■ 28.4254, 51.9025,
24.7301

Harmonies

Analogous

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



56.2379, 64.4169, 55.7285



54.3473, 64.4169, 64.2129



54.2488, 64.4169, 75.2173

Triad

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



54.3473, 64.4169, 64.2129



62.9747, 64.4169, 93.0561



66.8100, 64.4169, 56.4481

Complementary

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



54.3473, 64.4169, 64.2129



55.5289, 51.3792, 60.4195

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.



68.7779, 64.4169, 65.2947



54.3473, 64.4169, 64.2129



66.5013, 64.4169, 86.8415

Square

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



54.3473, 64.4169, 64.2129



59.1205, 64.4169, 92.6875



68.6626, 64.4169, 76.4190



63.3816, 64.4169, 51.5806

Rectangle

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



54.3473, 64.4169, 64.2129



55.2048, 64.4169, 82.5834



68.6626, 64.4169, 76.4190



67.6706, 64.4169, 59.0122

Sweetspot

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



54.3491, 64.4196, 64.2143



89.5538, 97.2775, 103.6326



56.8471, 65.9718, 52.3865



19.0087, 20.7424, 22.0262



0.0000, 0.0000, 0.0000



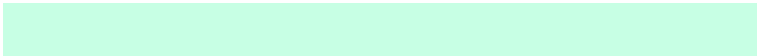
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3491, 64.4196, 64.2143



73.3389, 89.2693, 87.0193



56.5368, 65.0169, 76.5907



13.1706, 14.7199, 15.3616



16.9099, 30.7966, 14.9569



1.1390, 2.0125, 1.1978

Inverse Universe

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



55.5289, 51.3792, 60.4195



75.3062, 67.5271, 80.6930



53.6061, 50.8244, 49.6336



13.3123, 13.1540, 14.9058



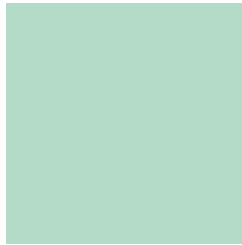
18.8594, 9.5448, 8.9054



1.2652, 0.6357, 0.8052

Previews

White Background



This preview shows how the XYZ color 54.3473, 64.4169, 64.2129 looks on a white background.

Color Contrast Check

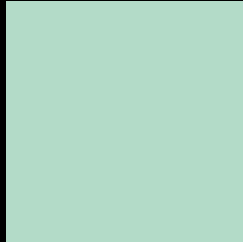
Large Text (above 18pt) WCAG AA × Fail

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 54.3473, 64.4169, 64.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

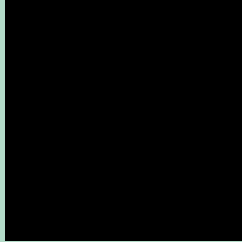
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

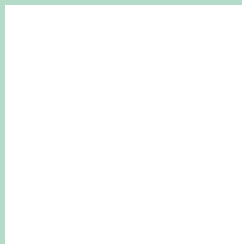
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3473, 64.4169, 64.2129

Background



This preview shows how black text looks on a background with the XYZ color 54.3473, 64.4169, 64.2129.



This preview shows how white text looks on a background with the XYZ color 54.3473, 64.4169,

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

54.3473, 64.4169, 64.2129

Protanopia

61.1533, 64.2477, 60.2169

Deuteranopia

65.4141, 64.1795, 65.4401



Tritanopia

58.4780, 64.1769, 84.9066

Trichromacy



Original Color

54.3473, 64.4169, 64.2129

Protanomaly

58.3867, 64.2705, 61.5527

Deuteranomaly

60.9017, 64.0113, 65.0227

Tritanomaly

57.0026, 64.3463, 77.1259

Monochromacy



Original Color

54.3473, 64.4169, 64.2129

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.5910, 62.1407, 65.5116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3473, 64.4169, 64.2129 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, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 200)  
}
```

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, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.3473, 64.4169, 64.2129 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, 219, 200) }
```


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

```
.border{ border-color:rgb(179, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3473, 64.4169, 64.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 200) }
```

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

```
.background{ background-color: rgb(179,  
219, 200) }
```

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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