

Converting Colors

XYZ(53.8739, 62.7276, 89.6441)

Have a look what the booklet for
XYZ(53.8739, 62.7276, 89.6441)
contains.

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Color

**XYZ(53.8092, 62.8081,
89.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD9ED
RGB	156, 217, 237
RGB Percent	61%, 85%, 93%
CMY	0.3882, 0.1490, 0.0706
CMYK	0.34, 0.08, 0.00, 0.07
HSL	195°, 69%, 77%
HSV	195°, 34%, 93%
XYZ	53.8092, 62.8081, 89.4079
YIQ	201.0410, -42.7760, -6.7120

Conversions

Conversions Part 2

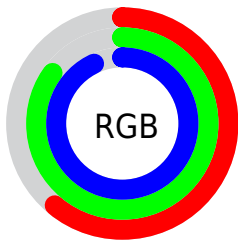
Format	Color
R _Y B	156, 191, 237
Decimal	10279405
CIE Lab	83.34, -14.57, -16.01
CIE LCh	83, 21.643, 227.694
Yxy	62.8081, 0.2612, 0.3049
Android (android.graphics.Color)	4288469485 (0xFF9CD9ED)
YUV	201.0410, 17.7278, -39.5010
Hunter-Lab	79.2516, -17.4946, -11.4121

Details

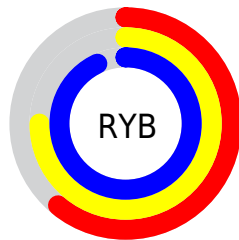
The XYZ color **53.8092, 62.8081, 89.4079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4520, 51.4561, 38.4106**, and the grayscale version is **55.4569, 58.3450, 63.5377**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **26.6276, 31.9436, 48.4784** is the 20% darker color. If you saturate the color by 10%, you get **48.1817, 57.7090, 88.7214**, and if you desaturate by 10%, it is **60.3887, 68.4803, 90.1570**.

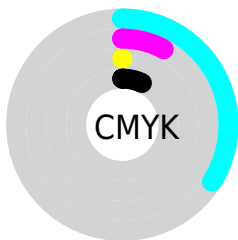
Distribution



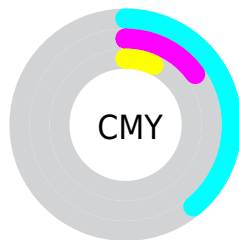
- Red (61%)
- Green (85%)
- Blue (93%)



- Red (61%)
- Yellow (75%)
- Blue (93%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8092, 62.8081, 89.4079 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 53.8092, 62.8081, 89.4079 by changing the saturation by 10% instead.

■ 53.8092, 62.8081,
89.4079

■ 53.8092, 62.8081,
89.4079

391.5922,
434.8727, 546.6232

■ 38.6792, 45.6860,
66.9187

■ 94.9526, 108.8926,
148.4440

■ 26.6899, 31.9981,
48.5574

■ 121.6967,
138.6238, 185.8280

■ 17.4758, 21.3600,
33.9054

153.0428,
173.3268, 229.0140

■ 10.6717, 13.3874,
22.5441

189.3564,
213.3860, 278.4206

■ 5.9122, 7.6959,
14.0551

231.0028,
259.1858, 334.4662

■ 2.8319, 3.9010,
8.0198

278.3473,

■ 1.0655, 1.6183,

311.1106, 397.5695

4.0197

331.7554,
369.5447, 468.1490

■ 0.0000, 0.3699,
1.6362

■ 0.0000, 0.0000,
0.3164

■ 53.8092, 62.8081,
89.4079

■ 53.8092, 62.8081,
89.4079

■ 48.1817, 57.7090,
88.7214

■ 60.3887, 68.4803,
90.1570

■ 43.4478, 53.1477,
88.0904

■ 67.9631, 74.7441,
90.9669

■ 39.5510, 49.0957,
87.5137

■ 76.5794, 81.6260,
91.8411

■ 36.4259, 45.5184,
86.9879

■ 86.2800, 89.1486,
92.7818

■ 33.9968, 42.3760,
86.5094

■ 89.5613, 93.4445,
93.4381

■ 32.1711, 39.6199,
86.0737

■ 91.3717, 97.0654,
94.0415

■ 31.3041, 38.1503,
85.8357

■ 92.2863, 98.8945,
94.3464

Harmonies

Analogous

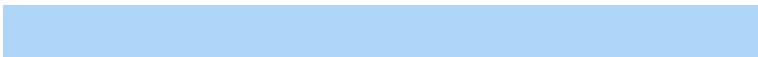
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.4818, 62.8081, 76.5732



53.8092, 62.8081, 89.4079



57.7886, 62.8081, 96.9723

Triad

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



53.8092, 62.8081, 89.4079



68.9854, 62.8081, 74.0629



56.9880, 62.8081, 46.5429

Complementary

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



53.8092, 62.8081, 89.4079



56.4520, 51.4561, 38.4106

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.



61.6474, 62.8081, 46.0566



53.8092, 62.8081, 89.4079



68.7431, 62.8081, 60.8067

Square

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



53.8092, 62.8081, 89.4079



66.6452, 62.8081, 87.3634



65.9998, 62.8081, 50.9503



53.2497, 62.8081, 52.3797

Rectangle

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



53.8092, 62.8081, 89.4079



60.9174, 62.8081, 97.4303



65.9998, 62.8081, 50.9503



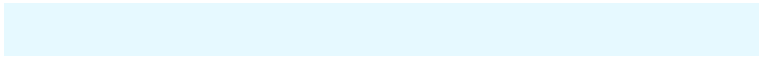
58.4935, 62.8081, 45.7788

Sweetspot

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



53.8111, 62.8106, 89.4094



84.3073, 91.5292, 107.8312



51.7239, 70.7288, 51.4333



17.7440, 19.3491, 23.0495



0.0000, 0.0000, 0.0000



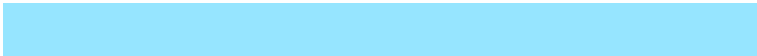
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8111, 62.8106, 89.4094



58.7820, 69.8895, 104.9996



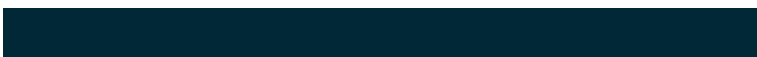
44.8387, 44.8657, 86.4185



15.1844, 16.4553, 19.2981



17.1993, 21.0457, 46.8987



1.4253, 1.8020, 3.7076

Inverse Universe

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



59.3395, 46.7928, 71.5528



66.3874, 48.8842, 80.2031



65.3295, 69.2110, 41.3698



15.5466, 15.2465, 18.1639



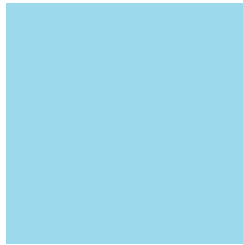
23.5367, 11.6174, 24.4255



1.8859, 0.9273, 2.1166

Previews

White Background



This preview shows how the XYZ color 53.8092, 62.8081, 89.4079 looks on a white background.

Color Contrast Check

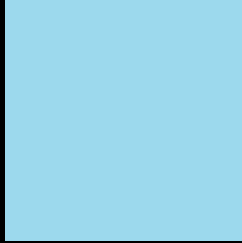
Large Text (above 18pt) WCAG AA × Fail

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 53.8092, 62.8081, 89.4079 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 53.8092, 62.8081, 89.4079

Background



This preview shows how black text looks on a background with the XYZ color 53.8092, 62.8081, 89.4079.



This preview shows how white text looks on a background with the XYZ color 53.8092, 62.8081,

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

53.8092, 62.8081, 89.4079

Protanopia

61.0161, 62.2132, 83.6554

Deuteranopia

63.7127, 62.3812, 91.1208



Tritanopia

53.3258, 62.5924, 87.8682

Trichromacy



Original Color

53.8092, 62.8081, 89.4079

Protanomaly

58.0020, 62.0489, 86.0104

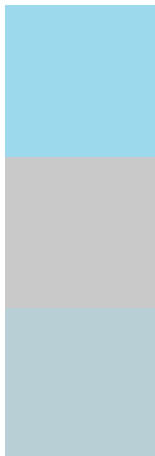
Deuteranomaly

59.3787, 61.9340, 90.4862

Tritanomaly

53.4707, 62.6504, 88.6314

Monochromacy



Original Color

53.8092, 62.8081, 89.4079

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.4580, 59.7950, 72.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8092, 62.8081, 89.4079 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(156, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(156, 217, 237)  
}
```

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(156, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 217, 237) }
```

Border

The CSS property to change the border of an element to XYZ 53.8092, 62.8081, 89.4079 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(156, 217, 237) }
```


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

```
.border{ border-color:rgb(156, 217, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(156, 217,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8092, 62.8081, 89.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 217, 237) }
```

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

```
.background{ background-color: rgb(156,  
217, 237) }
```

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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