

Converting Colors

XYZ(53.0199, 64.8518, 85.4255)

Have a look what the booklet for
XYZ(53.0199, 64.8518, 85.4255)
contains.

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Color

**XYZ(53.0242, 64.8408,
85.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	94DFE7
RGB	148, 223, 231
RGB Percent	58%, 87%, 91%
CMY	0.4196, 0.1255, 0.0941
CMYK	0.36, 0.03, 0.00, 0.09
HSL	186°, 63%, 74%
HSV	186°, 36%, 91%
XYZ	53.0242, 64.8408, 85.3222
YIQ	201.4870, -47.2680, -13.4120

Conversions

Conversions Part 2

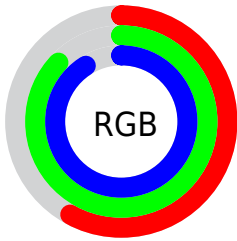
Format	Color
R _Y B	148, 187, 231
Decimal	9756647
CIE Lab	84.40, -21.16, -11.28
CIE LCh	84, 23.979, 208.064
Yxy	64.8408, 0.2610, 0.3191
Android (android.graphics.Color)	4287946727 (0xFF94DFE7)
YUV	201.4870, 14.5499, -46.9081
Hunter-Lab	80.5238, -23.3760, -6.4564

Details

The XYZ color **53.0242, 64.8408, 85.3222** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1897, 42.9046, 33.6545**, and the grayscale version is **55.7546, 58.6582, 63.8788**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **26.2547, 33.4276, 45.6258** is the 20% darker color. If you saturate the color by 10%, you get **48.6653, 61.7182, 84.9503**, and if you desaturate by 10%, it is **58.2286, 68.4140, 85.7387**.

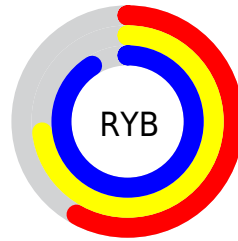
Distribution



Red (58%)

Green (87%)

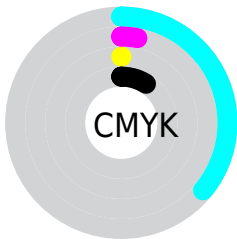
Blue (91%)



Red (58%)

Yellow (73%)

Blue (91%)

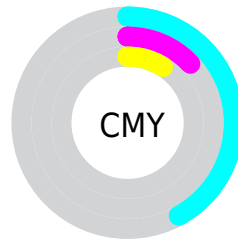


Cyan (36%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (42%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0242, 64.8408, 85.3222 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 53.0242, 64.8408, 85.3222 by changing the saturation by 10% instead.


 53.0242, 64.8408,
85.3222


 53.0242, 64.8408,
85.3222


388.6373,
442.2197, 532.8660

 38.0496, 47.3320,
63.5560


 93.8053, 111.8209,
142.7014

 26.1986, 33.2982,
45.8472


 120.3425,
142.0611, 179.1515

 17.1057, 22.3550,
31.7775


151.4647,
177.3138, 221.3332

 10.4057, 14.1180,
20.9282

187.5372,
217.9635, 269.6651

 5.7331, 8.2028,
12.8808

228.9254,
264.3945, 324.5659

 2.7226, 4.2250,
7.2167

275.9945,

 1.0088, 1.8002,

316.9913, 386.4539

3.5175

329.1101,
376.1382, 455.7477

■ 0.0000, 0.4873,
1.3646

■ 0.0000, 0.0000,
0.1139

■ 53.0242, 64.8408,
85.3222

■ 53.0242, 64.8408,
85.3222

■ 48.6653, 61.7182,
84.9503

■ 58.2286, 68.4140,
85.7387

■ 45.0961, 59.0127,
84.6162

■ 64.3184, 72.4538,
86.1975

■ 42.2634, 56.6984,
84.3188

■ 71.3380, 76.9845,
86.7020

■ 40.1048, 54.7431,
84.0552

■ 79.3271, 82.0268,
87.2542

■ 38.5476, 53.1092,
83.8219

■ 85.1248, 85.9512,
87.7061

■ 37.5017, 51.7503,
83.6147

■ 85.7630, 87.2276,
87.9189

■ 37.1615, 51.2445,
83.5350

■ 86.4092, 88.5200,
88.1343

■ 87.0634, 89.8284,
88.3523

■ 87.7256, 91.1529,
88.5731

Harmonies

Analogous

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



51.9473, 64.8408, 69.6139



53.0242, 64.8408, 85.3222



56.3675, 64.8408, 98.5402

Triad

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



53.0242, 64.8408, 85.3222



70.7381, 64.8408, 87.2851



61.9760, 64.8408, 45.1505

Complementary

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



53.0242, 64.8408, 85.3222



50.1897, 42.9046, 33.6545

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.



67.2086, 64.8408, 48.5147



53.0242, 64.8408, 85.3222



72.4451, 64.8408, 71.5966

Square

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



53.0242, 64.8408, 85.3222



66.5754, 64.8408, 99.7835



71.1182, 64.8408, 57.6780



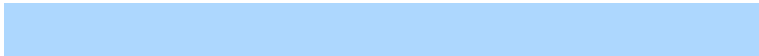
56.9343, 64.8408, 47.7469

Rectangle

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



53.0242, 64.8408, 85.3222



59.5347, 64.8408, 103.3711



71.1182, 64.8408, 57.6780



63.7724, 64.8408, 45.6105

Sweetspot

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



53.0261, 64.8434, 85.3237



84.6166, 93.3504, 108.1664



46.6994, 65.8128, 41.2169



17.8580, 19.8169, 23.1338



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.



53.0261, 64.8434, 85.3237



62.2704, 78.2347, 106.4266



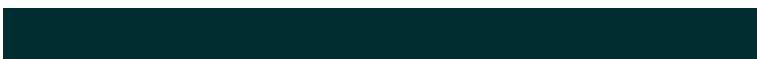
43.4856, 45.7622, 82.1435



14.6825, 16.0864, 18.4755



20.8836, 28.8293, 46.8471



1.5779, 2.1997, 3.4734

Inverse Universe

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



56.8658, 43.4980, 75.2137



67.8142, 48.1760, 91.6589



58.1356, 58.7965, 36.3032



14.9321, 14.5900, 17.8428



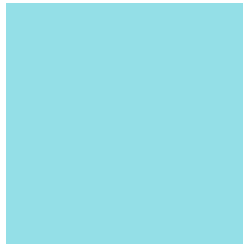
24.9346, 12.1081, 34.8801



1.8601, 0.9017, 2.6697

Previews

White Background



This preview shows how the XYZ color 53.0242, 64.8408, 85.3222 looks on a white background.

Color Contrast Check

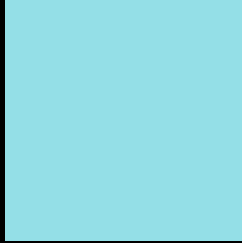
Large Text (above 18pt) WCAG AA × Fail

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 53.0242, 64.8408, 85.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

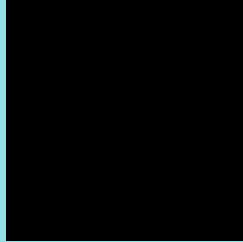
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0242, 64.8408, 85.3222

Background



This preview shows how black text looks on a background with the XYZ color 53.0242, 64.8408, 85.3222.

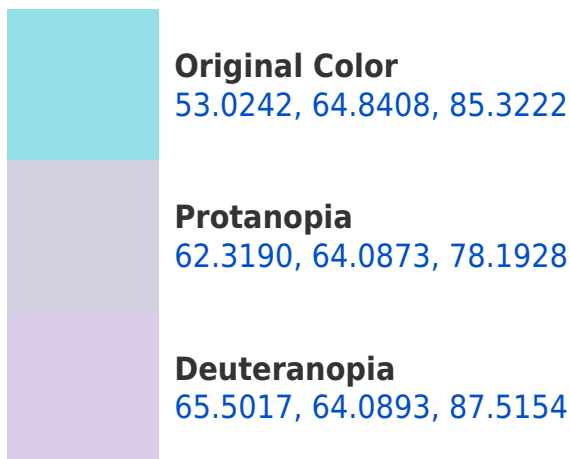


This preview shows how white text looks on a background with the XYZ color 53.0242, 64.8408,

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





Tritanopia

54.2789, 64.9586, 91.3388

Trichromacy



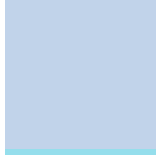
Original Color

53.0242, 64.8408, 85.3222



Protanomaly

57.8784, 63.5895, 80.4577



Deuteranomaly

60.1379, 63.8665, 86.9998



Tritanomaly

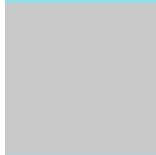
53.6560, 64.6882, 89.0150

Monochromacy



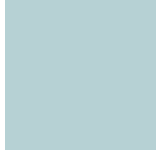
Original Color

53.0242, 64.8408, 85.3222



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.9755, 60.2995, 71.0815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0242, 64.8408, 85.3222 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(148, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(148, 223, 231)  
}
```

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(148, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 223, 231) }
```

Border

The CSS property to change the border of an element to XYZ 53.0242, 64.8408, 85.3222 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(148, 223, 231) }
```


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

```
.border{ border-color:rgb(148, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 223, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 223, 231); box-shadow:4px 4px 4px 4px rgb(148, 223, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0242, 64.8408, 85.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 223, 231) }
```

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

```
.background{ background-color: rgb(148,  
223, 231) }
```

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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