

Converting Colors

XYZ(53.5078, 64.0658, 95.8888)

Have a look what the booklet for
XYZ(53.5078, 64.0658, 95.8888)
contains.

XYZ(53.4932, 64.0563, 95.9309)	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(53.4932, 64.0563,
95.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDDF5
RGB	142, 221, 245
RGB Percent	56%, 87%, 96%
CMY	0.4431, 0.1333, 0.0392
CMYK	0.42, 0.10, 0.00, 0.04
HSL	194°, 84%, 76%
HSV	194°, 42%, 96%
XYZ	53.4932, 64.0563, 95.9309
YIQ	200.1150, -54.7880, -9.2840

Conversions

Conversions Part 2

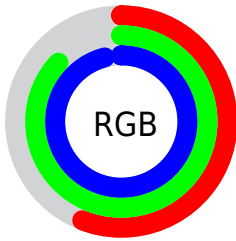
Format	Color
RYB	142, 187, 245
Decimal	9362933
CIELab	84.00, -18.20, -19.33
CIELCh	84, 26.546, 226.725
Yxy	64.0563, 0.2506, 0.3001
Android (android.graphics.Color)	4287553013 (0xFF8EDDF5)
YUV	200.1150, 22.1283, -50.9669
Hunter-Lab	80.0352, -20.7573, -15.0409

Details

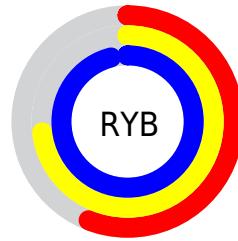
The XYZ color **53.4932, 64.0563, 95.9309** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1760, 48.6390, 32.0203**, and the grayscale version is **54.8644, 57.7216, 62.8588**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **26.5678, 32.8779, 53.0899** is the 20% darker color. If you saturate the color by 10%, you get **48.2615, 59.1611, 95.2629**, and if you desaturate by 10%, it is **59.7039, 69.5351, 96.6622**.

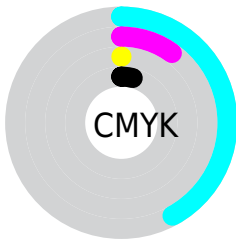
Distribution



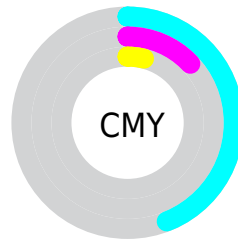
- Red (56%)
- Green (87%)
- Blue (96%)



- Red (56%)
- Yellow (73%)
- Blue (96%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4932, 64.0563, 95.9309 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 53.4932, 64.0563, 95.9309 by changing the saturation by 10% instead.

53.4932, 64.0563,
95.9309

53.4932, 64.0563,
95.9309

390.4044,
439.3929, 568.2012

38.4257, 46.6963,
72.3088

94.4910, 110.6920,
157.5567

26.4920, 32.7956,
52.9226

121.1519,
140.7365, 196.3975

17.3266, 21.9699,
37.3537

152.4081,
175.7779, 241.1483

10.5644, 13.8348,
25.1835

188.6249,
216.2007, 292.2276

5.8399, 8.0059,
15.9936

230.1675,
262.3891, 350.0540

2.7877, 4.0987,
9.3653

277.4014,

1.0425, 1.7289,

314.7278, 415.0461

4.8802

330.6919,
373.6009, 487.6223

■ 0.0000, 0.4423,
2.1196

■ 0.0000, 0.0000,
0.6274

■ 53.4932, 64.0563,
95.9309

■ 53.4932, 64.0563,
95.9309

■ 48.2615, 59.1611,
95.2629

■ 59.7039, 69.5351,
96.6622

■ 43.9411, 54.8096,
94.6507

■ 66.9438, 75.6199,
97.4551

■ 40.4649, 50.9680,
94.0924

■ 75.2665, 82.3404,
98.3136

■ 37.7536, 47.5944,
93.5841

■ 84.7202, 89.7222,
99.2402

■ 35.7114, 44.6388,
93.1213

■ 91.7662, 95.9418,
100.0693

■ 34.4473, 42.5241,
92.7797

■ 93.4816, 99.3727,
100.6412

Harmonies

Analogous

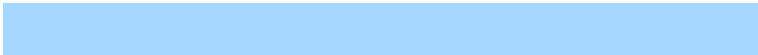
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.7331, 64.0563, 79.4350



53.4932, 64.0563, 95.9309



58.3369, 64.0563, 106.0366

Triad

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



53.4932, 64.0563, 95.9309



72.5018, 64.0563, 77.4087



57.7032, 64.0563, 43.2182

Complementary

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



53.4932, 64.0563, 95.9309



56.1760, 48.6390, 32.0203

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.



63.5034, 64.0563, 42.8543



53.4932, 64.0563, 95.9309



72.3050, 64.0563, 60.8796

Square

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



53.4932, 64.0563, 95.9309



69.4467, 64.0563, 94.2443



68.9251, 64.0563, 48.8211



53.0550, 64.0563, 49.9106

Rectangle

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



53.4932, 64.0563, 95.9309



62.2105, 64.0563, 106.8839



68.9251, 64.0563, 48.8211



59.5757, 64.0563, 42.3940

Sweetspot

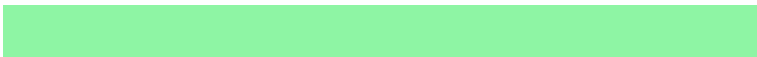
The Sweet Spot groups the original color and five complimentary colors.



53.4952, 64.0588, 95.9324



81.4736, 89.4166, 107.5727



50.5387, 73.7488, 46.8451



16.9905, 18.7806, 22.9795



0.0000, 0.0000, 0.0000



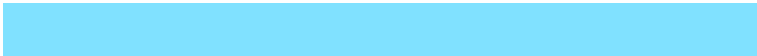
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4952, 64.0588, 95.9324



53.8817, 65.7798, 104.4646



42.2359, 41.5403, 92.1793



16.6503, 18.0649, 21.1519



18.6681, 23.1300, 50.0187



1.7182, 2.1878, 4.4220

Inverse Universe

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



60.3820, 43.9807, 73.7160



62.5248, 42.0205, 76.2596



67.0490, 70.3848, 35.6447



17.0388, 16.6984, 19.9509



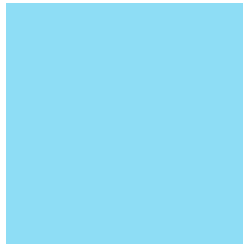
25.2273, 12.4344, 26.9692



2.2563, 1.1085, 2.5761

Previews

White Background



This preview shows how the XYZ color 53.4932, 64.0563, 95.9309 looks on a white background.

Color Contrast Check

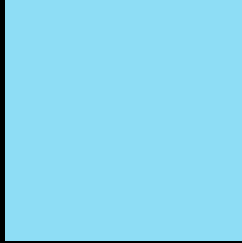
Large Text (above 18pt) WCAG AA × Fail

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 53.4932, 64.0563, 95.9309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

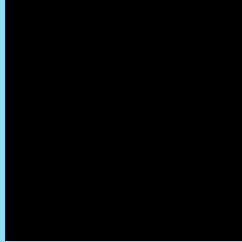
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4932, 64.0563, 95.9309

Background



This preview shows how black text looks on a background with the XYZ color 53.4932, 64.0563, 95.9309.



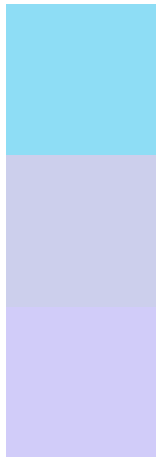
This preview shows how white text looks on a background with the XYZ color 53.4932, 64.0563,

95.9309.

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

53.4932, 64.0563, 95.9309

Protanopia

62.3550, 63.5191, 88.3308

Deuteranopia

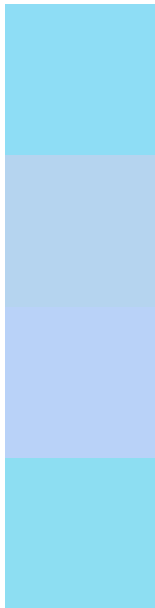
64.9862, 63.5806, 98.4697



Tritanopia

52.8340, 64.1965, 92.0446

Trichromacy



Original Color

53.4932, 64.0563, 95.9309

Protanomaly

58.1795, 63.1427, 90.7827

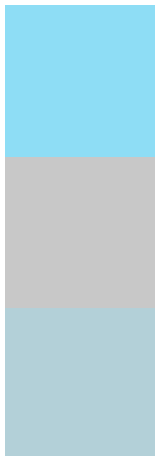
Deuteranomaly

59.9975, 63.1848, 97.8406

Tritanomaly

53.1328, 64.3161, 93.6183

Monochromacy



Original Color

53.4932, 64.0563, 95.9309

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.5410, 59.6533, 73.6581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4932, 64.0563, 95.9309 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(142, 221, 245)` looks like.

```
.text, #text, p{  
    color:rgb(142, 221, 245)  
}
```

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(142, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 221, 245) }
```

Border

The CSS property to change the border of an element to XYZ 53.4932, 64.0563, 95.9309 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(142, 221, 245) }
```


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

```
.border{ border-color:rgb(142, 221, 245) }
```

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

Here you see how a box with a 4 pixel rgb(142, 221, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(142, 221,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4932, 64.0563, 95.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 221, 245) }
```

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

```
.background{ background-color: rgb(142,  
221, 245) }
```

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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