

Converting Colors

XYZ(53.7953, 63.5067, 95.5137)

Have a look what the booklet for
XYZ(53.7953, 63.5067, 95.5137)
contains.

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Color

**XYZ(53.8456, 63.4587,
95.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	93DBF5
RGB	147, 219, 245
RGB Percent	58%, 86%, 96%
CMY	0.4235, 0.1412, 0.0392
CMYK	0.40, 0.11, 0.00, 0.04
HSL	196°, 83%, 77%
HSV	196°, 40%, 96%
XYZ	53.8456, 63.4587, 95.7970
YIQ	200.4360, -51.2580, -7.1780

Conversions

Conversions Part 2

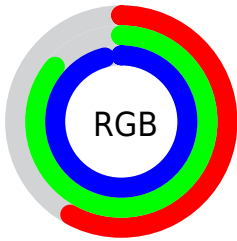
Format	Color
RYB	147, 189, 245
Decimal	9690101
CIELab	83.68, -15.95, -19.78
CIELCh	84, 25.405, 231.116
Yxy	63.4587, 0.2527, 0.2978
Android (android.graphics.Color)	4287880181 (0xFF93DBF5)
YUV	200.4360, 21.9701, -46.8634
Hunter-Lab	79.6610, -18.7524, -15.5370

Details

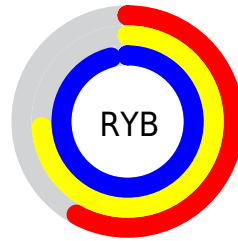
The XYZ color **53.8456, 63.4587, 95.7970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8674, 51.4073, 34.4782**, and the grayscale version is **55.0615, 57.9290, 63.0847**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **26.7752, 32.4492, 52.9962** is the 20% darker color. If you saturate the color by 10%, you get **48.2490, 58.1066, 95.0600**, and if you desaturate by 10%, it is **60.4479, 69.4304, 96.6028**.

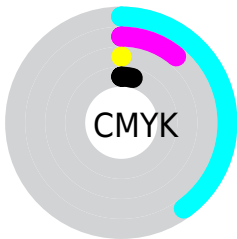
Distribution



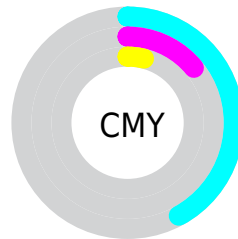
- Red (58%)
- Green (86%)
- Blue (96%)



- Red (58%)
- Yellow (74%)
- Blue (96%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8456, 63.4587, 95.7970 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 53.8456, 63.4587, 95.7970 by changing the saturation by 10% instead.

53.8456, 63.4587,
95.7970

53.8456, 63.4587,
95.7970

391.7289,
437.2323, 567.7627

38.7084, 46.2124,
72.1979

95.0057, 109.8310,
157.3703

26.7127, 32.4135,
52.8326

121.7594,
139.7258, 196.1816

17.4930, 21.6775,
37.2823

153.1159,
174.6055, 240.9007

10.6841, 13.6201,
25.1287

189.4406,
214.8546, 291.9462

5.9206, 7.8569,
15.9530

231.0990,
260.8574, 349.7366

2.8370, 4.0035,
9.3369

278.4562,

1.0682, 1.6755,

312.9984, 414.6905

4.8618

331.8777,
371.6619, 487.2263

■ 0.0000, 0.4077,
2.1091

■ 0.0000, 0.0000,
0.6212

■ 53.8456, 63.4587,
95.7970

■ 53.8456, 63.4587,
95.7970

■ 48.2490, 58.1066,
95.0600

■ 60.4479, 69.4304,
96.6028

■ 43.5915, 53.3344,
94.3844

■ 68.1053, 76.0440,
97.4758

■ 39.8075, 49.1085,
93.7681

■ 76.8710, 83.3294,
98.4200

■ 36.8196, 45.3880,
93.2075

■ 86.7927, 91.3122,
99.4379

■ 34.5361, 42.1244,
92.6979

■ 92.3758, 97.1611,
100.2726

■ 32.8042, 39.2377,
92.2320

■ 93.4816, 99.3727,
100.6412

■ 32.8040, 39.2373,
92.2319

Harmonies

Analogous

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



50.8754, 63.4587, 80.7327



53.8456, 63.4587, 95.7970



58.6784, 63.4587, 104.0056

Triad

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



53.8456, 63.4587, 95.7970



71.5157, 63.4587, 73.9365



56.5427, 63.4587, 44.2726

Complementary

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



53.8456, 63.4587, 95.7970



57.8674, 51.4073, 34.4782

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.



61.9830, 63.4587, 43.0284



53.8456, 63.4587, 95.7970



70.8567, 63.4587, 58.6345

Square

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



53.8456, 63.4587, 95.7970



69.0331, 63.4587, 90.1704



67.2842, 63.4587, 47.8834



52.3648, 63.4587, 51.5907

Rectangle

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



53.8456, 63.4587, 95.7970



62.4019, 63.4587, 103.7336



67.2842, 63.4587, 47.8834



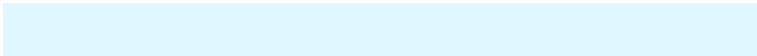
58.2763, 63.4587, 43.1798

Sweetspot

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



53.8476, 63.4612, 95.7985



82.1393, 89.5808, 107.5694



52.0850, 74.4686, 50.4090



17.3042, 18.9455, 22.9948



0.0000, 0.0000, 0.0000



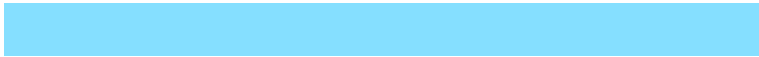
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8476, 63.4612, 95.7985



53.9217, 64.6979, 104.2537



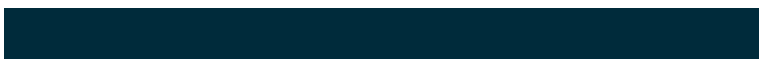
43.1733, 42.1125, 92.2404



16.6031, 17.9704, 21.1361



17.7914, 21.3766, 49.7264



1.6475, 2.0465, 4.3984

Inverse Universe

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



60.8778, 45.3962, 72.5742



62.8287, 43.2281, 74.5117



68.6487, 72.9698, 38.0720



17.0150, 16.6888, 19.8254



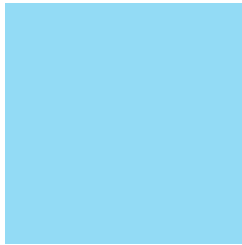
24.7848, 12.2573, 24.6388



2.2207, 1.0942, 2.3884

Previews

White Background



This preview shows how the XYZ color 53.8456, 63.4587, 95.7970 looks on a white background.

Color Contrast Check

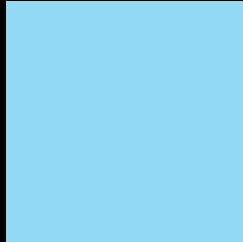
Large Text (above 18pt) WCAG AA × Fail

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 53.8456, 63.4587, 95.7970 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 53.8456, 63.4587, 95.7970

Background



This preview shows how black text looks on a background with the XYZ color 53.8456, 63.4587, 95.7970.



This preview shows how white text looks on a background with the XYZ color 53.8456, 63.4587,

95.7970.

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

53.8456, 63.4587, 95.7970

Protanopia

61.9860, 62.9535, 89.0050

Deuteranopia

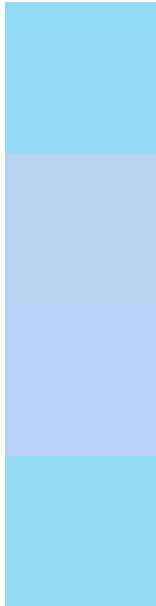
64.3116, 62.8991, 97.5581



Tritanopia

52.7029, 63.3792, 90.3446

Trichromacy



Original Color

53.8456, 63.4587, 95.7970

Protanomaly

58.5509, 62.9471, 91.5021

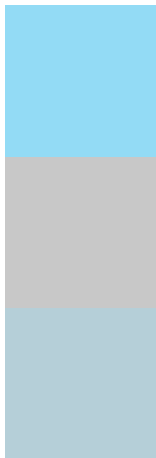
Deuteranomaly

59.8387, 62.7554, 96.9549

Tritanomaly

53.3244, 63.6483, 92.6939

Monochromacy



Original Color

53.8456, 63.4587, 95.7970

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.7635, 59.4073, 73.5989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8456, 63.4587, 95.7970 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(147, 219, 245)` looks like.

```
.text, #text, p{  
    color:rgb(147, 219, 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(147, 219, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 219, 245) }
```

Border

The CSS property to change the border of an element to XYZ 53.8456, 63.4587, 95.7970 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(147, 219, 245) }
```


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

```
.border{ border-color:rgb(147, 219, 245) }
```

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

Here you see how a box with a 4 pixel rgb(147, 219, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 219, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 219, 245);  
box-shadow:4px 4px 4px 4px rgb(147, 219,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8456, 63.4587, 95.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 219, 245) }
```

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

```
.background{ background-color: rgb(147,  
219, 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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