

Converting Colors

XYZ(53.6083, 63.1971, 95.3366)

Have a look what the booklet for
XYZ(53.6083, 63.1971, 95.3366)
contains.

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Color

**XYZ(53.6933, 63.3977,
94.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	93DBF4
RGB	147, 219, 244
RGB Percent	58%, 86%, 96%
CMY	0.4235, 0.1412, 0.0431
CMYK	0.40, 0.10, 0.00, 0.04
HSL	195°, 82%, 77%
HSV	195°, 40%, 96%
XYZ	53.6933, 63.3977, 94.9950
YIQ	200.3220, -50.9370, -7.4890

Conversions

Conversions Part 2

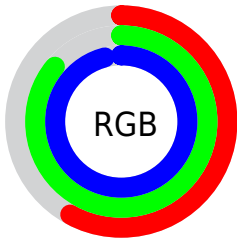
Format	Color
RYB	147, 188, 244
Decimal	9690100
CIELab	83.65, -16.20, -19.29
CIElCh	84, 25.194, 229.982
Yxy	63.3977, 0.2532, 0.2989
Android (android.graphics.Color)	4287880180 (0xFF93DBF4)
YUV	200.3220, 21.5333, -46.7634
Hunter-Lab	79.6227, -18.9688, -15.0009

Details

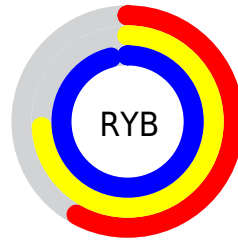
The XYZ color **53.6933, 63.3977, 94.9950** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3285, 50.8460, 34.3984**, and the grayscale version is **54.9937, 57.8576, 63.0070**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **26.6669, 32.4059, 52.4264** is the 20% darker color. If you saturate the color by 10%, you get **48.1640, 58.1590, 94.2764**, and if you desaturate by 10%, it is **60.2165, 69.2436, 95.7807**.

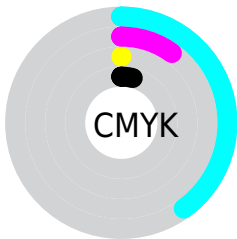
Distribution



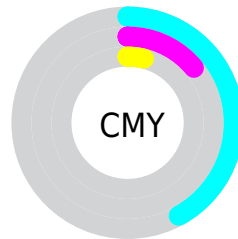
- Red (58%)
- Green (86%)
- Blue (96%)



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



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6933, 63.3977, 94.9950 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 53.6933, 63.3977, 94.9950 by changing the saturation by 10% instead.

■ 53.6933, 63.3977,
94.9950

■ 53.6933, 63.3977,
94.9950

■ 391.1569,
437.0114, 565.1329

■ 38.5862, 46.1630,
71.5339

■ 94.7833, 109.7431,
156.2532

■ 26.6173, 32.3745,
52.2935

■ 121.4969,
139.6225, 194.8875

■ 17.4211, 21.6477,
36.8553

■ 152.8101,
174.4857, 239.4165

■ 10.6323, 13.5983,
24.8005

■ 189.0882,
214.7171, 290.2589

■ 5.8856, 7.8418,
15.7108

■ 230.6966,
260.7009, 347.8332

■ 2.8157, 3.9939,
9.1676

■ 278.0006,

■ 1.0570, 1.6701,

312.8216, 412.5580

4.7524

331.3655,
371.4637, 484.8517

■ 0.0000, 0.4042,
2.0465

■ 0.0000, 0.0000,
0.5837

■ 53.6933, 63.3977,
94.9950

■ 53.6933, 63.3977,
94.9950

■ 48.1640, 58.1590,
94.2764

■ 60.2165, 69.2436,
95.7807

■ 43.5627, 53.4883,
93.6173

■ 67.7822, 75.7186,
96.6317

■ 39.8247, 49.3526,
93.0161

■ 76.4429, 82.8520,
97.5521

■ 36.8740, 45.7118,
92.4689

■ 86.2459, 90.6692,
98.5443

■ 34.6201, 42.5180,
91.9712

■ 91.8935, 96.4401,
99.3606

■ 32.9165, 39.6948,
91.5161

■ 93.3293, 99.3117,
99.8392

■ 32.8772, 39.6275,
91.5051

Harmonies

Analogous

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



50.8319, 63.3977, 79.9350



53.6933, 63.3977, 94.9950



58.4318, 63.3977, 103.4593

Triad

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



53.6933, 63.3977, 94.9950



71.3139, 63.3977, 74.4479



56.7064, 63.3977, 44.2427

Complementary

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



53.6933, 63.3977, 94.9950



57.3285, 50.8460, 34.3984

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.



62.1211, 63.3977, 43.2357



53.6933, 63.3977, 94.9950



70.7820, 63.3977, 59.1636

Square

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



53.6933, 63.3977, 94.9950



68.7482, 63.3977, 90.4554



67.3363, 63.3977, 48.2870



52.4965, 63.3977, 51.2858

Rectangle

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



53.6933, 63.3977, 94.9950



62.1143, 63.3977, 103.4637



67.3363, 63.3977, 48.2870



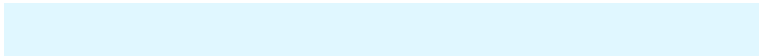
58.4383, 63.3977, 43.2332

Sweetspot

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



53.6953, 63.4002, 94.9965



82.2102, 89.7225, 107.5930



51.7595, 73.8556, 50.1826



17.3209, 18.9790, 23.0004



0.0000, 0.0000, 0.0000



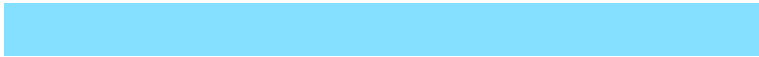
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6953, 63.4002, 94.9965



54.1694, 65.1931, 104.3362



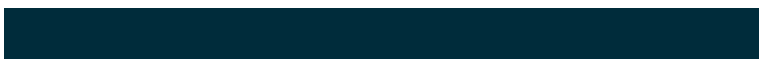
42.9737, 41.9570, 91.4226



16.6141, 17.9925, 21.1398



17.9926, 21.7791, 49.7935



1.6638, 2.0791, 4.4038

Inverse Universe

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



60.5298, 45.2169, 72.5578



62.9537, 43.2780, 75.1699



68.1037, 72.3965, 37.9901



17.0206, 16.6911, 19.8548



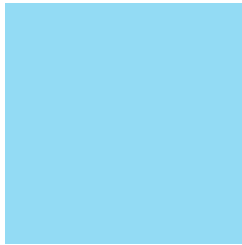
24.8864, 12.2980, 25.1737



2.2289, 1.0975, 2.4317

Previews

White Background



This preview shows how the XYZ color 53.6933, 63.3977, 94.9950 looks on a white background.

Color Contrast Check

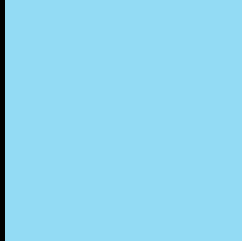
Large Text (above 18pt) WCAG AA × Fail

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 53.6933, 63.3977, 94.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

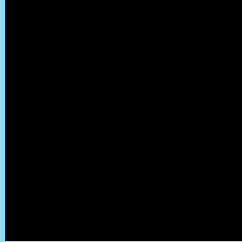
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6933, 63.3977, 94.9950

Background



This preview shows how black text looks on a background with the XYZ color 53.6933, 63.3977, 94.9950.

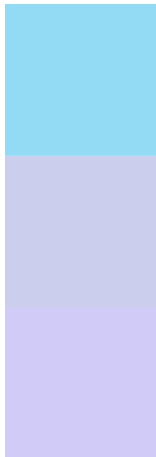


This preview shows how white text looks on a background with the XYZ color 53.6933, 63.3977,

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

53.6933, 63.3977, 94.9950

Protanopia

61.8402, 62.8953, 88.2375

Deuteranopia

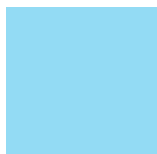
64.1569, 62.8372, 96.7430



Tritanopia

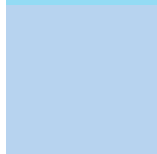
52.7029, 63.3792, 90.3446

Trichromacy



Original Color

53.6933, 63.3977, 94.9950



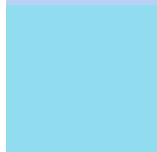
Protanomaly

58.4027, 62.8878, 90.7218



Deuteranomaly

59.6847, 62.6939, 96.1442



Tritanomaly

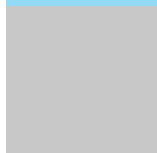
53.1754, 63.5887, 91.9093

Monochromacy



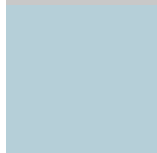
Original Color

53.6933, 63.3977, 94.9950



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 53.6933, 63.3977, 94.9950 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(147, 219, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 219, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.6933, 63.3977, 94.9950 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, 244) }
```


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

```
.border{ border-color:rgb(147, 219, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(147, 219,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6933, 63.3977, 94.9950 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, 244) }
```

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

```
.background{ background-color: rgb(147,  
219, 244) }
```

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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