

Converting Colors

XYZ(53.2503, 63.2238, 94.9290)

Have a look what the booklet for
XYZ(53.2503, 63.2238, 94.9290)
contains.

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Color

**XYZ(53.1623, 63.1240,
94.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	90DBF4
RGB	144, 219, 244
RGB Percent	56%, 86%, 96%
CMY	0.4353, 0.1412, 0.0431
CMYK	0.41, 0.10, 0.00, 0.04
HSL	195°, 82%, 76%
HSV	195°, 41%, 96%
XYZ	53.1623, 63.1240, 94.9701
YIQ	199.4250, -52.7250, -8.1250

Conversions

Conversions Part 2

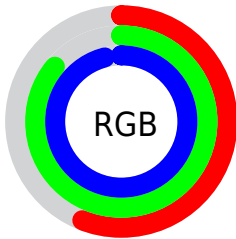
Format	Color
RYB	144, 187, 244
Decimal	9493492
CIELab	83.51, -16.95, -19.53
CIELCh	84, 25.856, 229.041
Yxy	63.1240, 0.2516, 0.2988
Android (android.graphics.Color)	4287683572 (0xFF90DBF4)
YUV	199.4250, 21.9755, -48.6077
Hunter-Lab	79.4506, -19.6000, -15.2560

Details

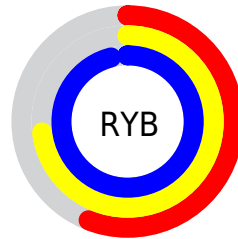
The XYZ color **53.1623, 63.1240, 94.9701** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5315, 49.6239, 32.9863**, and the grayscale version is **54.4408, 57.2759, 62.3735**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **26.2830, 32.2080, 52.4085** is the 20% darker color. If you saturate the color by 10%, you get **47.7905, 58.0369, 94.2724**, and if you desaturate by 10%, it is **59.5173, 68.8074, 95.7333**.

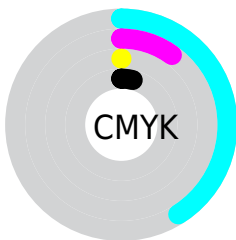
Distribution



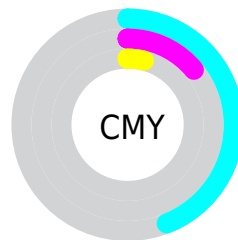
- Red (56%)
- Green (86%)
- Blue (96%)



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



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1623, 63.1240, 94.9701 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 53.1623, 63.1240, 94.9701 by changing the saturation by 10% instead.

■ 53.1623, 63.1240,
94.9701

■ 53.1623, 63.1240,
94.9701

389.1582,
436.0194, 565.0511

■ 38.1603, 45.9415,
71.5133

■ 94.0073, 109.3484,
156.2185

■ 26.2849, 32.1997,
52.2768

■ 120.5810,
139.1591, 194.8473

■ 17.1707, 21.5141,
36.8420

151.7427,
173.9480, 239.3704

■ 10.4523, 13.5003,
24.7904

187.8577,
214.0995, 290.2065

■ 5.7645, 7.7739,
15.7033

229.2914,
259.9980, 347.7741

■ 2.7417, 3.9506,
9.1624

276.4092,

■ 1.0187, 1.6460,

312.0279, 412.4917

4.7490

329.5763,
370.5735, 484.7779

■ 0.0000, 0.3883,
2.0446

■ 0.0000, 0.0000,
0.5825

■ 53.1623, 63.1240,
94.9701

■ 53.1623, 63.1240,
94.9701

■ 47.7905, 58.0369,
94.2724

■ 59.5173, 68.8074,
95.7333

■ 43.3354, 53.5065,
93.6328

■ 66.9048, 75.1091,
96.5603

■ 39.7314, 49.4997,
93.0493

■ 75.3775, 82.0587,
97.4551

■ 36.9011, 45.9755,
92.5183

■ 84.9831, 89.6815,
98.4202

■ 34.7517, 42.8851,
92.0351

■ 91.6004, 95.8539,
99.2628

■ 33.2638, 40.4007,
91.6339

■ 93.3293, 99.3117,
99.8391

Harmonies

Analogous

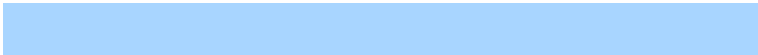
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.3142, 63.1240, 79.3759



53.1623, 63.1240, 94.9701



57.9583, 63.1240, 103.9754

Triad

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



53.1623, 63.1240, 94.9701



71.2927, 63.1240, 74.8095



56.5268, 63.1240, 43.3431

Complementary

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



53.1623, 63.1240, 94.9701



56.5315, 49.6239, 32.9863

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.



62.0839, 63.1240, 42.5148



53.1623, 63.1240, 94.9701



70.8496, 63.1240, 59.0837

Square

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



53.1623, 63.1240, 94.9701



68.5701, 63.1240, 91.1796



67.3947, 63.1240, 47.8340



52.1709, 63.1240, 50.3076

Rectangle

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



53.1623, 63.1240, 94.9701



61.7187, 63.1240, 104.2135



67.3947, 63.1240, 47.8340



58.3085, 63.1240, 42.3839

Sweetspot

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



53.1643, 63.1264, 94.9716



82.2826, 89.8674, 107.6171



50.8598, 73.4344, 48.2166



17.3380, 19.0133, 23.0061



0.0000, 0.0000, 0.0000



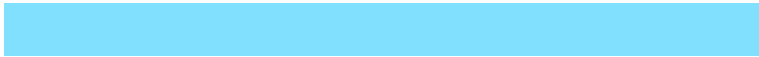
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1643, 63.1264, 94.9716



53.8560, 65.1546, 104.3453



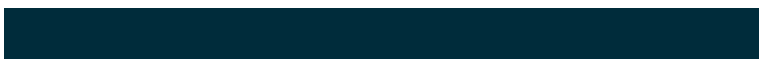
42.3325, 41.4630, 91.3610



16.6254, 18.0151, 21.1436



18.2009, 22.1955, 49.8629



1.6806, 2.1126, 4.4094

Inverse Universe

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



60.0693, 44.2960, 72.4044



62.6519, 42.6076, 75.2756



67.2425, 71.0460, 36.5567



17.0263, 16.6934, 19.8848



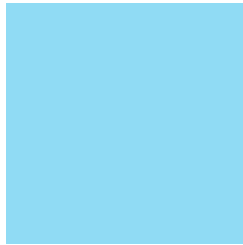
24.9915, 12.3400, 25.7272



2.2374, 1.1009, 2.4763

Previews

White Background



This preview shows how the XYZ color 53.1623, 63.1240, 94.9701 looks on a white background.

Color Contrast Check

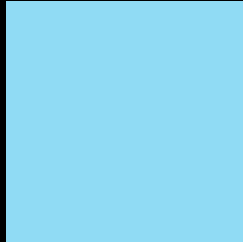
Large Text (above 18pt) WCAG AA × Fail

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 53.1623, 63.1240, 94.9701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

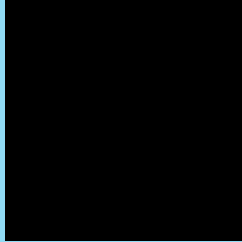
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1623, 63.1240, 94.9701

Background



This preview shows how black text looks on a background with the XYZ color 53.1623, 63.1240, 94.9701.

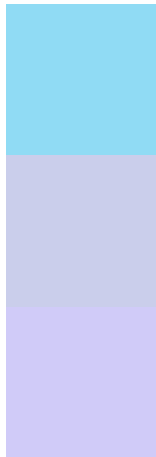


This preview shows how white text looks on a background with the XYZ color 53.1623, 63.1240,

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

53.1623, 63.1240, 94.9701

Protanopia

61.4238, 62.6973, 87.4617

Deuteranopia

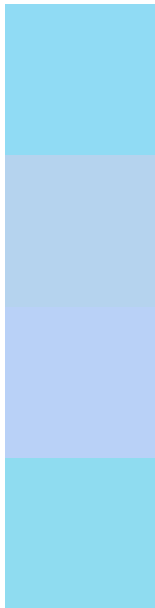
64.3116, 62.8991, 97.5581



Tritanopia

52.1811, 63.1102, 90.3202

Trichromacy



Original Color

53.1623, 63.1240, 94.9701

Protanomaly

57.7829, 62.5853, 89.9236

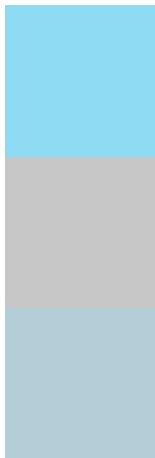
Deuteranomaly

59.5965, 62.6306, 96.9435

Tritanomaly

52.6491, 63.3173, 91.8846

Monochromacy



Original Color

53.1623, 63.1240, 94.9701

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.9275, 58.6326, 72.8176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1623, 63.1240, 94.9701 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(144, 219, 244)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 219, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.1623, 63.1240, 94.9701 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(144, 219, 244) }
```


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

```
.border{ border-color:rgb(144, 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(144, 219, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(144, 219,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1623, 63.1240, 94.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 219, 244) }
```

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

```
.background{ background-color: rgb(144,  
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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