

Converting Colors

XYZ(52.6259, 53.8814, 93.8538)

Have a look what the booklet for
XYZ(52.6259, 53.8814, 93.8538)
contains.

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Color

**XYZ(52.5678, 53.8341,
94.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC2F5
RGB	171, 194, 245
RGB Percent	67%, 76%, 96%
CMY	0.3294, 0.2392, 0.0392
CMYK	0.30, 0.21, 0.00, 0.04
HSL	221°, 79%, 82%
HSV	221°, 30%, 96%
XYZ	52.5678, 53.8341, 94.0066
YIQ	192.9370, -30.0790, 10.9850

Conversions

Conversions Part 2

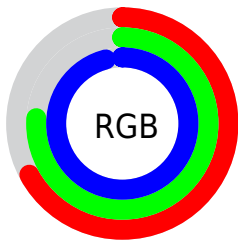
Format	Color
R _Y B	171, 189, 245
Decimal	11256565
CIE Lab	78.36, 3.68, -27.74
CIE LCh	78, 27.986, 277.549
Yxy	53.8341, 0.2623, 0.2686
Android (android.graphics.Color)	4289446645 (0xFFABC2F5)
YUV	192.9370, 25.6671, -19.2387
Hunter-Lab	73.3717, -0.5127, -24.6044

Details

The XYZ color **52.5678, 53.8341, 94.0066** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.1290, 74.5959, 49.1793**, and the grayscale version is **50.5197, 53.1506, 57.8810**.

A 20% lighter version of the original color is **84.2305, 92.0852, 107.9425**, and **26.0463, 26.5058, 51.8875** is the 20% darker color. If you saturate the color by 10%, you get **44.1710, 44.2412, 92.5985**, and if you desaturate by 10%, it is **62.3842, 64.7951, 95.6058**.

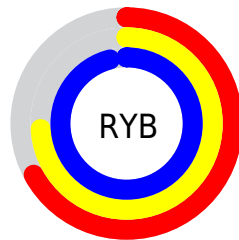
Distribution



Red (67%)

Green (76%)

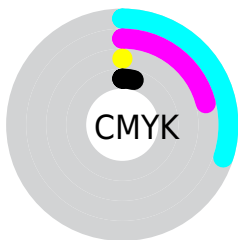
Blue (96%)



Red (67%)

Yellow (74%)

Blue (96%)

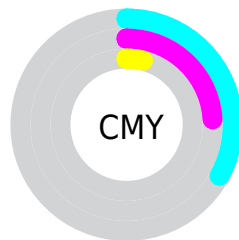


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5678, 53.8341, 94.0066 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 52.5678, 53.8341, 94.0066 by changing the saturation by 10% instead.

■ 52.5678, 53.8341,
94.0066

■ 52.5678, 53.8341,
94.0066

386.9128,
401.4771, 561.8827

■ 37.6840, 38.4690,
70.7161

■ 93.1374, 95.8306,
154.8752

■ 25.9136, 26.3469,
51.6302

119.5538,
123.2309, 193.2904

■ 16.8913, 17.0834,
36.3302

150.5451,
155.4116, 237.5843

■ 10.2519, 10.2939,
24.3976

186.4767,
192.7573, 288.1754

■ 5.6298, 5.5943,
15.4139

227.7139,
235.6523, 345.4823

■ 2.6598, 2.6000,
8.9605

274.6221,

■ 0.9765, 0.9267,

284.4810, 409.9234

4.6190

327.5666,
339.6278, 481.9174

■ 0.0000, 0.0000,
1.9707

■ 0.0000, 0.0000,
0.5372

■ 52.5678, 53.8341,
94.0066

■ 52.5678, 53.8341,
94.0066

■ 44.1710, 44.2412,
92.5985

■ 62.3842, 64.7951,
95.6058

■ 37.1195, 35.9533,
91.3704

■ 73.6790, 77.1711,
97.3993

■ 31.3401, 28.9117,
90.3159

■ 86.5139, 91.0142,
99.3948

■ 26.7499, 23.0500,
89.4264

■ 93.4816, 99.3726,
100.6410

■ 23.2551, 18.2947,
88.6927

■ 20.7460, 14.5621,
88.1045

■ 19.0766, 11.7826,
87.6560

Harmonies

Analogous

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



47.2392, 53.8341, 91.2519



52.5678, 53.8341, 94.0066



57.8782, 53.8341, 86.0176

Triad

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



52.5678, 53.8341, 94.0066



60.0067, 53.8341, 42.0466



42.0139, 53.8341, 47.8066

Complementary

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



52.5678, 53.8341, 94.0066



71.1290, 74.5959, 49.1793

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.



44.9970, 53.8341, 37.7561



52.5678, 53.8341, 94.0066



55.3082, 53.8341, 34.8692

Square

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



52.5678, 53.8341, 94.0066



62.3685, 53.8341, 54.7315



49.7927, 53.8341, 33.4526



41.3953, 53.8341, 62.6804

Rectangle

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



52.5678, 53.8341, 94.0066



60.6079, 53.8341, 76.3912



49.7927, 53.8341, 33.4526



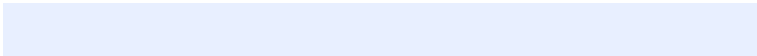
42.7625, 53.8341, 43.8374

Sweetspot

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



52.5695, 53.8362, 94.0078



82.2652, 86.2247, 106.9149



62.5751, 79.2146, 80.7963



17.1937, 18.0056, 22.8192



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.



52.5695, 53.8362, 94.0078



51.9865, 52.6102, 102.0225



50.9490, 45.9805, 92.5770



16.0013, 16.7670, 20.9356



10.3849, 6.5636, 47.2576



1.0004, 0.7523, 4.1827

Inverse Universe

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



61.9582, 52.4350, 57.8966



63.8577, 51.3195, 56.2547



73.0993, 85.3073, 51.1429



16.7113, 16.5674, 18.2260



21.0463, 10.7620, 4.9524



1.8940, 0.9636, 0.6683

Previews

White Background



This preview shows how the XYZ color 52.5678, 53.8341, 94.0066 looks on a white background.

Color Contrast Check

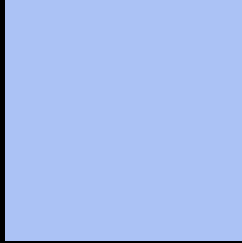
Large Text (above 18pt) WCAG AA × Fail

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 52.5678, 53.8341, 94.0066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

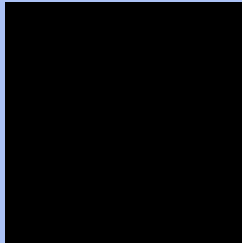
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

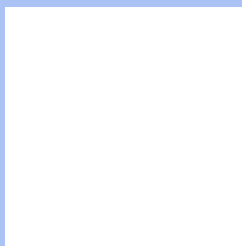
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5678, 53.8341, 94.0066

Background



This preview shows how black text looks on a background with the XYZ color 52.5678, 53.8341, 94.0066.



This preview shows how white text looks on a background with the XYZ color 52.5678, 53.8341,

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

52.5678, 53.8341, 94.0066

Protanopia

53.8645, 53.5564, 92.2925

Deuteranopia

55.0556, 53.7950, 94.6705



Tritanopia

48.2062, 53.7525, 72.1245

Trichromacy



Original Color

52.5678, 53.8341, 94.0066

Protanomaly

53.3102, 53.5780, 93.1198

Deuteranomaly

54.0877, 53.6187, 94.6875

Tritanomaly

49.6301, 53.6390, 79.6891

Monochromacy



Original Color

52.5678, 53.8341, 94.0066

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9612, 53.2077, 69.8715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5678, 53.8341, 94.0066 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(171, 194, 245)` looks like.

```
.text, #text, p{  
    color:rgb(171, 194, 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(171, 194, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 194, 245) }
```

Border

The CSS property to change the border of an element to XYZ 52.5678, 53.8341, 94.0066 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(171, 194, 245) }
```


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

```
.border{ border-color:rgb(171, 194, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 194, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 194, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 194, 245);  
box-shadow:4px 4px 4px 4px rgb(171, 194,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5678, 53.8341, 94.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 194, 245) }
```

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

```
.background{ background-color: rgb(171,  
194, 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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