

Converting Colors

XYZ(53.9442, 54.5555, 91.7208)

Have a look what the booklet for
XYZ(53.9442, 54.5555, 91.7208)
contains.

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Color

**XYZ(53.9092, 54.5781,
91.6977)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C2F2
RGB	179, 194, 242
RGB Percent	70%, 76%, 95%
CMY	0.2980, 0.2392, 0.0510
CMYK	0.26, 0.20, 0.00, 0.05
HSL	226°, 71%, 83%
HSV	226°, 26%, 95%
XYZ	53.9092, 54.5781, 91.6977
YIQ	194.9870, -24.3480, 11.7480

Conversions

Conversions Part 2

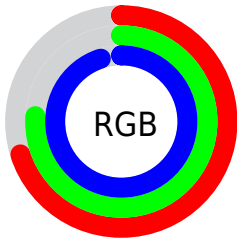
Format	Color
RYB	179, 191, 242
Decimal	11780850
CIELab	78.80, 5.27, -25.43
CIELCh	79, 25.967, 281.717
Yxy	54.5781, 0.2693, 0.2726
Android (android.graphics.Color)	4289970930 (0xFFB3C2F2)
YUV	194.9870, 23.1774, -14.0206
Hunter-Lab	73.8770, 0.9695, -21.8781

Details

The XYZ color **53.9092, 54.5781, 91.6977** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.2244, 77.0705, 53.7188**, and the grayscale version is **51.7422, 54.4368, 59.2817**.

A 20% lighter version of the original color is **86.8277, 93.4241, 108.0641**, and **26.8452, 26.9549, 50.2423** is the 20% darker color. If you saturate the color by 10%, you get **44.9474, 44.2408, 90.1757**, and if you desaturate by 10%, it is **64.3652, 66.4440, 93.4379**.

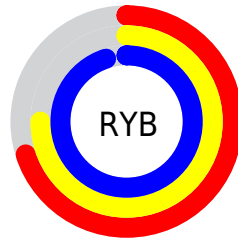
Distribution



Red (70%)

Green (76%)

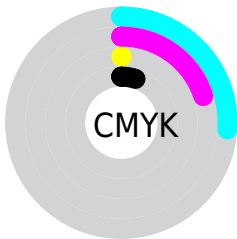
Blue (95%)



Red (70%)

Yellow (75%)

Blue (95%)

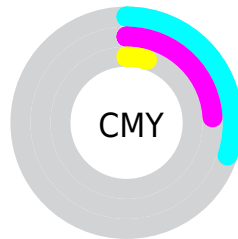


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9092, 54.5781, 91.6977 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 53.9092, 54.5781, 91.6977 by changing the saturation by 10% instead.

■ 53.9092, 54.5781,
91.6977

■ 53.9092, 54.5781,
91.6977

391.9677,
404.3107, 554.2500

■ 38.7595, 39.0640,
68.8079

■ 95.0986, 96.9225,
151.6504

■ 26.7525, 26.8095,
50.0845

121.8689,
124.5217, 189.5504

■ 17.5231, 17.4302,
35.1089

153.2435,
156.9180, 233.2909

■ 10.7057, 10.5417,
23.4626

189.5877,
194.4959, 283.2905

■ 5.9352, 5.7596,
14.7269

231.2669,
237.6397, 339.9677

■ 2.8460, 2.6994,
8.4835

278.6464,

■ 1.0728, 0.9769,

286.7338, 403.7409

4.3137

332.0915,
342.1627, 475.0289

■ 0.0022, 0.0000,
1.7989

■ 0.0000, 0.0000,
0.4273

■ 53.9092, 54.5781,
91.6977

■ 53.9092, 54.5781,
91.6977

■ 44.9474, 44.2408,
90.1757

■ 64.3652, 66.4440,
93.4379

■ 37.4046, 35.3620,
88.8594

■ 76.3752, 79.8916,
95.4005

■ 31.2070, 27.8757,
87.7411

■ 90.0022, 94.9797,
97.5946

■ 26.2715, 21.7078,
86.8107

■ 93.0272, 99.1909,
98.2480

■ 22.5055, 16.7771,
86.0574

■ 19.8027, 12.9922,
85.4693

■ 18.0343, 10.2466,
85.0326

■ 17.5214, 9.3993,
84.8961

Harmonies

Analogous

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



48.8337, 54.5781, 90.5810



53.9092, 54.5781, 91.6977



58.7382, 54.5781, 83.1746

Triad

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



53.9092, 54.5781, 91.6977



59.6127, 54.5781, 42.5008



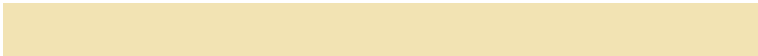
43.0396, 54.5781, 50.9762

Complementary

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



53.9092, 54.5781, 91.6977



72.2244, 77.0705, 53.7188

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.



45.5681, 54.5781, 40.6924



53.9092, 54.5781, 91.6977



55.0397, 54.5781, 36.3855

Square

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



53.9092, 54.5781, 91.6977



62.1736, 54.5781, 53.8581



49.8923, 54.5781, 35.7834



42.7812, 54.5781, 65.3655

Rectangle

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



53.9092, 54.5781, 91.6977



61.0804, 54.5781, 73.8826



49.8923, 54.5781, 35.7834



43.6441, 54.5781, 46.9906

Sweetspot

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



53.9109, 54.5803, 91.6990



83.1797, 86.8155, 106.9808



64.1056, 78.5938, 83.9241



17.3541, 18.0798, 22.8250



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.



53.9109, 54.5803, 91.6990



55.4075, 55.3730, 102.3755



54.5896, 50.2214, 90.8218



15.2028, 15.8397, 19.9777



9.5001, 5.2244, 45.6356



0.8648, 0.5836, 3.8213

Inverse Universe

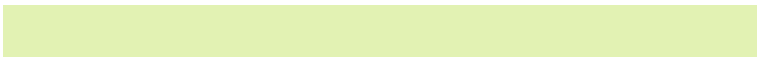
The Inverse Universe completely reimagines the original color for something new.



62.4771, 55.0140, 58.3672



66.5802, 56.2209, 58.8380



71.3325, 82.9692, 54.9044



15.9271, 15.8205, 17.1721



20.1208, 10.3208, 3.2868



1.7115, 0.8736, 0.4714

Previews

White Background



This preview shows how the XYZ color 53.9092, 54.5781, 91.6977 looks on a white background.

Color Contrast Check

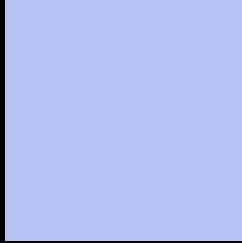
Large Text (above 18pt) WCAG AA × Fail

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 53.9092, 54.5781, 91.6977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

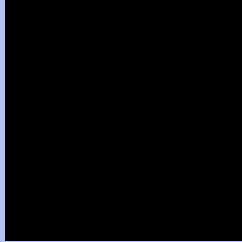
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9092, 54.5781, 91.6977

Background



This preview shows how black text looks on a background with the XYZ color 53.9092, 54.5781, 91.6977.



This preview shows how white text looks on a background with the XYZ color 53.9092, 54.5781,

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

53.9092, 54.5781, 91.6977

Protanopia

54.4756, 54.5581, 90.8787

Deuteranopia

55.7947, 54.5515, 92.3828



Tritanopia

49.9227, 54.6374, 72.2048

Trichromacy



Original Color

53.9092, 54.5781, 91.6977

Protanomaly

54.2386, 54.4359, 90.8676

Deuteranomaly

55.0349, 54.4846, 92.4100

Tritanomaly

51.2361, 54.4827, 79.0499

Monochromacy



Original Color

53.9092, 54.5781, 91.6977

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3850, 54.6025, 70.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9092, 54.5781, 91.6977 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(179, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 242)  
}
```

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(179, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 242) }
```

Border

The CSS property to change the border of an element to XYZ 53.9092, 54.5781, 91.6977 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(179, 194, 242) }
```


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

```
.border{ border-color:rgb(179, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9092, 54.5781, 91.6977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 242) }
```

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

```
.background{ background-color: rgb(179,  
194, 242) }
```

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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