

Converting Colors

XYZ(54.2965, 51.2942, 90.2581)

Have a look what the booklet for
XYZ(54.2965, 51.2942, 90.2581)
contains.

XYZ(54.2965, 51.2942, 90.2581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.2965, 51.2942,
90.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB7F1
RGB	191, 183, 241
RGB Percent	75%, 72%, 95%
CMY	0.2510, 0.2823, 0.0549
CMYK	0.21, 0.24, 0.00, 0.05
HSL	248°, 67%, 83%
HSV	248°, 24%, 95%
XYZ	54.2965, 51.2942, 90.2581
YIQ	192.0040, -13.8500, 19.7340

Conversions

Conversions Part 2

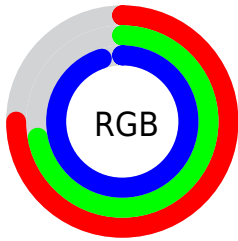
Format	Color
R_{YB}	191, 183, 241
Decimal	12564465
CIE _{Lab}	76.86, 14.63, -27.78
CIE _{LCh}	77, 31.394, 297.770
Yxy	51.2942, 0.2772, 0.2619
Android (android.graphics.Color)	4290754545 (0xFFBFB7F1)
YUV	192.0040, 24.1550, -0.8805
Hunter-Lab	71.6200, 9.9894, -24.5854

Details

The XYZ color **54.2965, 51.2942, 90.2581** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.6084, 83.6544, 57.0693**, and the grayscale version is **49.9759, 52.5785, 57.2580**.

A 20% lighter version of the original color is **87.6279, 88.9095, 107.1505**, and **27.0561, 24.7864, 49.2572** is the 20% darker color. If you saturate the color by 10%, you get **44.8855, 39.6855, 88.5143**, and if you desaturate by 10%, it is **65.3031, 64.9913, 92.3226**.

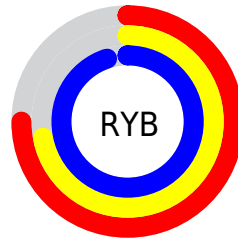
Distribution



Red (75%)

Green (72%)

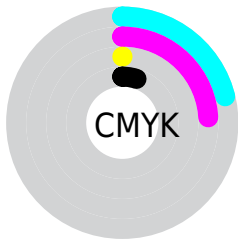
Blue (95%)



Red (75%)

Yellow (72%)

Blue (95%)

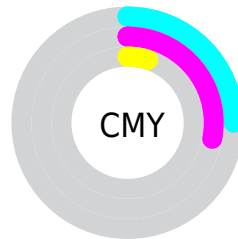


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (28%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2965, 51.2942, 90.2581 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 54.2965, 51.2942, 90.2581 by changing the saturation by 10% instead.

■ 54.2965, 51.2942,
90.2581

■ 54.2965, 51.2942,
90.2581

393.4196,
391.7057, 549.4618

■ 39.0704, 36.4428,
67.6198

■ 95.6638, 92.0895,
149.6355

■ 26.9954, 24.7764,
49.1237

122.5357,
118.8022, 187.2117

■ 17.7064, 15.9105,
34.3514

154.0202,
150.2374, 230.6043

■ 10.8378, 9.4609,
22.8841

190.4827,
186.7796, 280.2318

■ 6.0244, 5.0430,
14.3035

232.2885,
228.8132, 336.5128

■ 2.9007, 2.2725,
8.1909

279.8030,

■ 1.1015, 0.7591,

276.7224, 399.8657

4.1278

333.3916,
330.8918, 470.7092

■ 0.0263, 0.0000,
1.6957

■ 0.0000, 0.0000,
0.3578

■ 54.2965, 51.2942,
90.2581

■ 54.2965, 51.2942,
90.2581

■ 44.8855, 39.6855,
88.5143

■ 65.3031, 64.9913,
92.3226

■ 36.9906, 30.0561,
87.0717

■ 77.9698, 80.8661,
94.7192

■ 30.5332, 22.2969,
85.9144

■ 92.2663, 98.8159,
97.4303

■ 25.4253, 16.2850,
85.0232

■ 92.8773, 99.1309,
97.4589

■ 21.5692, 11.8832,
84.3768

■ 18.8534, 8.9333,
83.9505

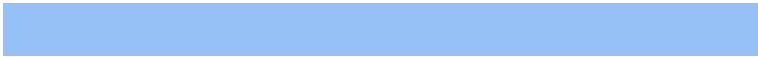
■ 17.1458, 7.2441,
83.7145

■ 16.5122, 6.6782,
83.6386

Harmonies

Analogous

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



48.3085, 51.2942, 95.5346



54.2965, 51.2942, 90.2581



59.1163, 51.2942, 75.2697

Triad

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



54.2965, 51.2942, 90.2581



55.1315, 51.2942, 32.4129



38.1650, 51.2942, 54.5819

Complementary

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



54.2965, 51.2942, 90.2581



73.6084, 83.6544, 57.0693

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.



39.6787, 51.2942, 40.0967



54.2965, 51.2942, 90.2581



49.2014, 51.2942, 29.0327

Square

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



54.2965, 51.2942, 90.2581



59.6254, 51.2942, 41.8985



43.6014, 51.2942, 31.5315



39.2909, 51.2942, 72.6001

Rectangle

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



54.2965, 51.2942, 90.2581



60.8469, 51.2942, 63.1039



43.6014, 51.2942, 31.5315



38.3792, 51.2942, 49.1757

Sweetspot

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



54.2982, 51.2963, 90.2593



84.1811, 86.3327, 106.8348



64.6216, 74.8485, 94.2612



17.8273, 18.2392, 22.8309



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.



54.2982, 51.2963, 90.2593



56.1325, 51.3967, 101.5698



62.2469, 55.3940, 90.6313



15.1000, 15.3332, 19.8854



9.0187, 3.6547, 45.3580



0.8131, 0.3364, 3.7763

Inverse Universe

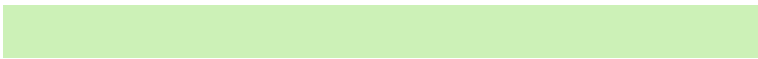
The Inverse Universe completely reimagines the original color for something new.



67.9187, 58.4529, 84.7956



74.2252, 60.9085, 94.0718



64.9791, 79.2058, 56.6654



16.3550, 15.9917, 19.4257



25.8671, 12.6193, 33.5464



2.1775, 1.0600, 2.9256

Previews

White Background



This preview shows how the XYZ color 54.2965, 51.2942, 90.2581 looks on a white background.

Color Contrast Check

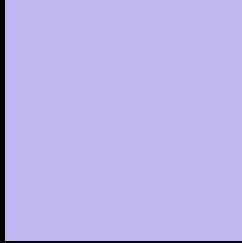
Large Text (above 18pt) WCAG AA × Fail

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 54.2965, 51.2942, 90.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

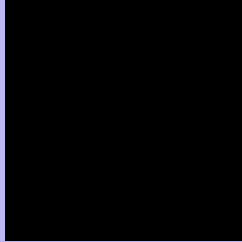
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2965, 51.2942, 90.2581

Background



This preview shows how black text looks on a background with the XYZ color 54.2965, 51.2942, 90.2581.



This preview shows how white text looks on a background with the XYZ color 54.2965, 51.2942,

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

54.2965, 51.2942, 90.2581

Protanopia

51.9916, 51.6121, 92.8098

Deuteranopia

52.5785, 51.3542, 89.5792



Tritanopia

49.2001, 51.4250, 65.0905

Trichromacy



Original Color

54.2965, 51.2942, 90.2581

Protanomaly

52.7926, 51.4126, 91.9352

Deuteranomaly

53.0847, 51.3035, 89.5428

Tritanomaly

50.9187, 51.1674, 73.5223

Monochromacy



Original Color

54.2965, 51.2942, 90.2581

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5687, 52.2548, 68.3410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2965, 51.2942, 90.2581 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(191, 183, 241)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 241)  
}
```

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(191, 183, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 241) }
```

Border

The CSS property to change the border of an element to XYZ 54.2965, 51.2942, 90.2581 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(191, 183, 241) }
```


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

```
.border{ border-color:rgb(191, 183, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 183, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 241);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2965, 51.2942, 90.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 241) }
```

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

```
.background{ background-color: rgb(191,  
183, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor