

Converting Colors

XYZ(55.2454, 53.3244, 91.3853)

Have a look what the booklet for
XYZ(55.2454, 53.3244, 91.3853)
contains.

XYZ(55.2454, 53.3244, 91.3853)	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(55.2454, 53.3244,
91.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBCF2
RGB	190, 188, 242
RGB Percent	75%, 74%, 95%
CMY	0.2549, 0.2627, 0.0510
CMYK	0.21, 0.22, 0.00, 0.05
HSL	242°, 68%, 84%
HSV	242°, 22%, 95%
XYZ	55.2454, 53.3244, 91.3853
YIQ	194.7540, -16.1420, 17.2180

Conversions

Conversions Part 2

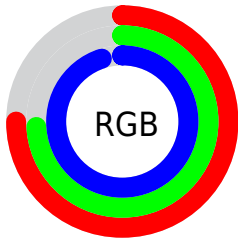
Format	Color
R _Y B	190, 188, 242
Decimal	12500210
CIE Lab	78.07, 11.82, -26.47
CIE LCh	78, 28.990, 294.057
Yxy	53.3244, 0.2763, 0.2667
Android (android.graphics.Color)	4290690290 (0xFFBEBCF2)
YUV	194.7540, 23.2923, -4.1693
Hunter-Lab	73.0236, 7.2515, -23.0820

Details

The XYZ color **55.2454, 53.3244, 91.3853** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.7662, 85.6617, 60.0677**, and the grayscale version is **51.5995, 54.2867, 59.1183**.

A 20% lighter version of the original color is **88.7585, 91.6955, 107.6287**, and **27.6802, 26.1074, 50.0347** is the 20% darker color. If you saturate the color by 10%, you get **45.1402, 41.0743, 89.5543**, and if you desaturate by 10%, it is **67.1515, 67.7921, 93.5512**.

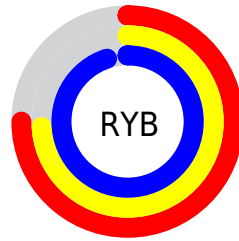
Distribution



Red (75%)

Green (74%)

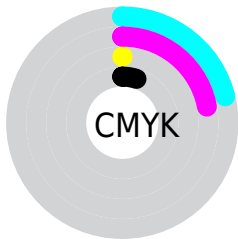
Blue (95%)



Red (75%)

Yellow (74%)

Blue (95%)

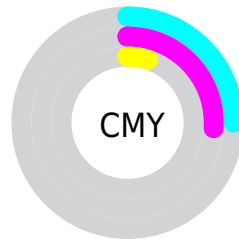


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2454, 53.3244, 91.3853 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 55.2454, 53.3244, 91.3853 by changing the saturation by 10% instead.

■ 55.2454, 53.3244,
91.3853

■ 55.2454, 53.3244,
91.3853

396.9628,
399.5285, 553.2129

■ 39.8329, 38.0618,
68.5500

■ 97.0466, 95.0815,
151.2134

■ 27.5919, 26.0307,
49.8758

124.1660,
122.3449, 189.0434

■ 18.1571, 16.8466,
34.9443

155.9184,
154.3773, 232.7086

■ 11.1632, 10.1252,
23.3367

192.6692,
191.5631, 282.6276

■ 6.2448, 5.4820,
14.6347

234.7836,
234.2867, 339.2190

■ 3.0366, 2.5328,
8.4197

282.6271,

■ 1.1731, 0.8930,

282.9325, 402.9014

4.2730

336.5651,
337.8850, 474.0931

■ 0.0850, 0.0000,
1.7763

■ 0.0000, 0.0000,
0.4122

■ 55.2454, 53.3244,
91.3853

■ 55.2454, 53.3244,
91.3853

■ 45.1402, 41.0743,
89.5543

■ 67.1515, 67.7921,
93.5512

■ 36.7434, 30.9263,
88.0381

■ 80.9347, 84.5726,
96.0637

■ 29.9621, 22.7641,
86.8200

■ 93.0272, 99.1909,
98.2480

■ 24.6925, 16.4575,
85.8805

■ 20.8187, 11.8609,
85.1974

■ 18.2080, 8.8069,
84.7455

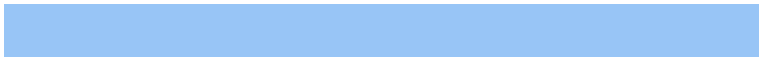
■ 16.7020, 7.0946,
84.4944

■ 16.1393, 6.4687,
84.4032

Harmonies

Analogous

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



49.5659, 53.3244, 94.8613



55.2454, 53.3244, 91.3853



60.0042, 53.3244, 78.3217

Triad

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



55.2454, 53.3244, 91.3853



57.3362, 53.3244, 36.3259



40.6209, 53.3244, 54.8967

Complementary

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



55.2454, 53.3244, 91.3853



76.7662, 85.6617, 60.0677

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.



42.3813, 53.3244, 41.6358



55.2454, 53.3244, 91.3853



51.8172, 53.3244, 32.2727

Square

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



55.2454, 53.3244, 91.3853



61.2728, 53.3244, 46.2714



46.3794, 53.3244, 34.0184



41.3900, 53.3244, 71.7007

Rectangle

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



55.2454, 53.3244, 91.3853



61.8718, 53.3244, 67.0403



46.3794, 53.3244, 34.0184



40.9320, 53.3244, 49.9219

Sweetspot

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



55.2471, 53.3266, 91.3865



83.5740, 86.0196, 106.8064



67.9866, 79.5415, 95.7751



17.6872, 18.1670, 22.8243



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.



55.2471, 53.3266, 91.3865



56.5519, 53.1813, 101.8921



62.5679, 57.1006, 91.7291



14.9513, 15.2566, 19.8784



8.6949, 3.4878, 45.3428



0.7422, 0.2999, 3.7730

Inverse Universe

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



70.3310, 61.1371, 90.5341



76.4729, 63.4980, 100.6972



68.3294, 81.3124, 59.6728



16.4275, 16.0207, 19.8075



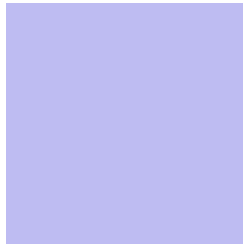
27.5879, 13.3076, 42.6079



2.3029, 1.1102, 3.5859

Previews

White Background



This preview shows how the XYZ color 55.2454, 53.3244, 91.3853 looks on a white background.

Color Contrast Check

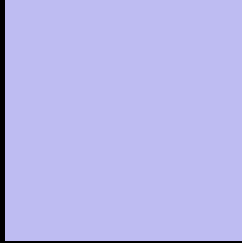
Large Text (above 18pt) WCAG AA × Fail

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 55.2454, 53.3244, 91.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

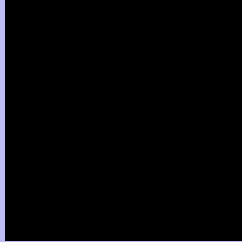
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2454, 53.3244, 91.3853

Background



This preview shows how black text looks on a background with the XYZ color 55.2454, 53.3244, 91.3853.



This preview shows how white text looks on a background with the XYZ color 55.2454, 53.3244,

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

55.2454, 53.3244, 91.3853

Protanopia

53.7823, 53.4966, 93.0792

Deuteranopia

54.4743, 53.2451, 91.4106



Tritanopia

50.5676, 53.3774, 67.9593

Trichromacy



Original Color

55.2454, 53.3244, 91.3853

Protanomaly

54.3583, 53.4883, 92.2533

Deuteranomaly

54.7181, 53.3708, 91.4220

Tritanomaly

52.1505, 53.3588, 75.9573

Monochromacy



Original Color

55.2454, 53.3244, 91.3853

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7256, 53.7902, 69.8910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2454, 53.3244, 91.3853 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(190, 188, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 188, 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(190, 188, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 188, 242) }
```

Border

The CSS property to change the border of an element to XYZ 55.2454, 53.3244, 91.3853 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(190, 188, 242) }
```


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

```
.border{ border-color:rgb(190, 188, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 188, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 188, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 188, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 188,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2454, 53.3244, 91.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 188, 242) }
```

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

```
.background{ background-color: rgb(190,  
188, 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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