

Converting Colors

XYZ(55.8030, 53.2120, 95.3378)

Have a look what the booklet for
XYZ(55.8030, 53.2120, 95.3378)
contains.

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Color

**XYZ(55.7940, 53.2032,
95.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBBF7
RGB	190, 187, 247
RGB Percent	75%, 73%, 97%
CMY	0.2549, 0.2667, 0.0314
CMYK	0.23, 0.24, 0.00, 0.03
HSL	243°, 79%, 85%
HSV	243°, 24%, 97%
XYZ	55.7940, 53.2032, 95.3243
YIQ	194.7370, -17.4720, 19.2960

Conversions

Conversions Part 2

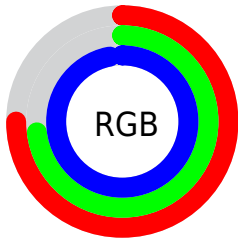
Format	Color
R _Y B	190, 187, 247
Decimal	12499959
CIE Lab	77.99, 13.50, -29.27
CIE LCh	78, 32.232, 294.765
Yxy	53.2032, 0.2731, 0.2604
Android (android.graphics.Color)	4290690039 (0xFFBEBBF7)
YUV	194.7370, 25.7657, -4.1543
Hunter-Lab	72.9405, 8.8931, -26.4264

Details

The XYZ color **55.7940, 53.2032, 95.3243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5403, 89.3438, 60.0689**, and the grayscale version is **51.5758, 54.2618, 59.0910**.

A 20% lighter version of the original color is **88.4584, 91.0953, 107.5286**, and **27.9727, 26.0021, 52.2598** is the 20% darker color. If you saturate the color by 10%, you get **45.6013, 40.8285, 93.4738**, and if you desaturate by 10%, it is **67.8349, 67.8709, 97.5217**.

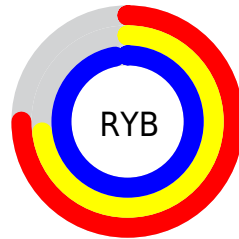
Distribution



Red (75%)

Green (73%)

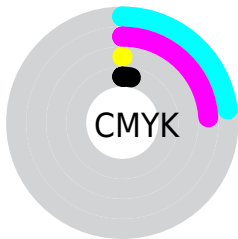
Blue (97%)



Red (75%)

Yellow (73%)

Blue (97%)

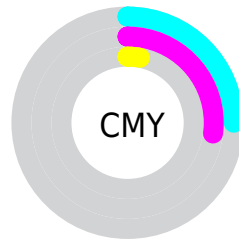


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (27%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7940, 53.2032, 95.3243 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 55.7940, 53.2032, 95.3243 by changing the saturation by 10% instead.

■ 55.7940, 53.2032,
95.3243

■ 55.7940, 53.2032,
95.3243

399.0023,
399.0642, 566.2135

■ 40.2741, 37.9650,
71.8065

■ 97.8449, 94.9033,
156.7120

■ 27.9375, 25.9555,
52.5148

125.1066,
122.1340, 195.4190

■ 18.4188, 16.7904,
37.0305

157.0130,
154.1310, 240.0262

■ 11.3526, 10.0851,
24.9351

193.9294,
191.2787, 290.9521

■ 6.3735, 5.4555,
15.8102

236.2212,
233.9615, 348.6152

■ 3.1163, 2.5169,
9.2370

284.2537,

■ 1.2156, 0.8851,

282.5637, 413.4341

4.7972

338.3923,
337.4698, 485.8274

■ 0.1186, 0.0000,
2.0721

■ 0.0000, 0.0000,
0.5991

■ 55.7940, 53.2032,
95.3243

■ 55.7940, 53.2032,
95.3243

■ 45.6013, 40.8285,
93.4738

■ 67.8349, 67.8709,
97.5217

■ 37.1605, 30.6250,
91.9492

■ 81.8037, 84.9326,
100.0787

■ 30.3742, 22.4692,
90.7327

■ 93.7887, 99.4955,
102.2580

■ 25.1338, 16.2228,
89.8032

■ 21.3173, 11.7303,
89.1372

■ 18.7845, 8.8118,
88.7074

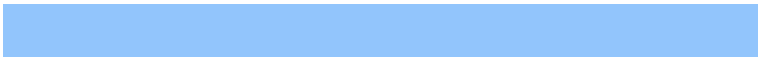
■ 17.3666, 7.2486,
88.4804

■ 16.9452, 6.7961,
88.4153

Harmonies

Analogous

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



49.4748, 53.2032, 99.6168



55.7940, 53.2032, 95.3243



61.0802, 53.2032, 80.2463

Triad

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



55.7940, 53.2032, 95.3243



57.8555, 53.2032, 34.0353



39.4765, 53.2032, 54.8324

Complementary

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



55.7940, 53.2032, 95.3243



79.5403, 89.3438, 60.0689

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.



41.3370, 53.2032, 40.1886



55.7940, 53.2032, 95.3243



51.6773, 53.2032, 29.8762

Square

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



55.7940, 53.2032, 95.3243



62.3377, 53.2032, 44.6232



45.6791, 53.2032, 31.8705



40.3817, 53.2032, 73.6479

Rectangle

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



55.7940, 53.2032, 95.3243



63.1295, 53.2032, 67.4951



45.6791, 53.2032, 31.8705



39.7943, 53.2032, 49.3128

Sweetspot

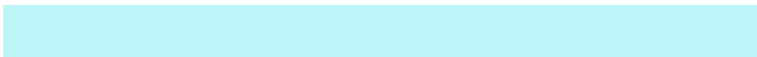
The Sweet Spot groups the original color and five complimentary colors.



55.7957, 53.2053, 95.3255



83.6517, 86.0597, 106.8100



69.9360, 82.5863, 100.2513



17.7052, 18.1762, 22.8252



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.



55.7957, 53.2053, 95.3255



54.5304, 50.5708, 101.4948



63.7740, 57.3183, 95.6989



15.6578, 15.9662, 20.7991



8.9953, 3.6116, 46.7610



0.8171, 0.3311, 4.1111

Inverse Universe

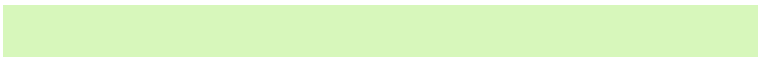
The Inverse Universe completely reimagines the original color for something new.



72.4589, 61.8485, 93.7089



75.2346, 61.3123, 99.3874



70.2563, 84.5577, 59.6344



17.1758, 16.7532, 20.6721



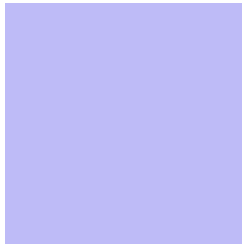
28.2067, 13.6261, 42.6582



2.4899, 1.2019, 3.8062

Previews

White Background



This preview shows how the XYZ color 55.7940, 53.2032, 95.3243 looks on a white background.

Color Contrast Check

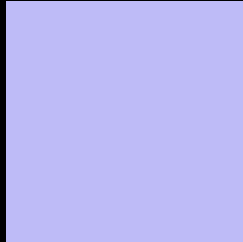
Large Text (above 18pt) WCAG AA × Fail

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 55.7940, 53.2032, 95.3243 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 55.7940, 53.2032, 95.3243

Background



This preview shows how black text looks on a background with the XYZ color 55.7940, 53.2032, 95.3243.

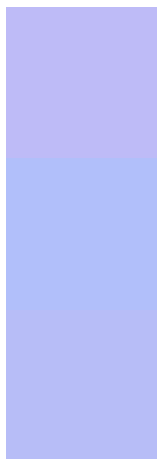


This preview shows how white text looks on a background with the XYZ color 55.7940, 53.2032,

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

55.7940, 53.2032, 95.3243

Protanopia

54.0176, 53.5108, 97.9241

Deuteranopia

54.5145, 53.1779, 95.3868



Tritanopia

50.3288, 53.2543, 67.9481

Trichromacy



Original Color

55.7940, 53.2032, 95.3243

Protanomaly

54.8037, 53.6115, 97.0821

Deuteranomaly

55.0214, 53.1209, 95.3491

Tritanomaly

52.1998, 53.0284, 77.2963

Monochromacy



Original Color

55.7940, 53.2032, 95.3243

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9796, 53.8918, 71.2282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7940, 53.2032, 95.3243 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, 187, 247)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 247)  
}
```

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, 187, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 247) }
```

Border

The CSS property to change the border of an element to XYZ 55.7940, 53.2032, 95.3243 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, 187, 247) }
```


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

```
.border{ border-color:rgb(190, 187, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 247);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7940, 53.2032, 95.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 247) }
```

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

```
.background{ background-color: rgb(190,  
187, 247) }
```

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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