

Converting Colors

XYZ(60.4136, 55.6917, 92.9579)

Have a look what the booklet for
XYZ(60.4136, 55.6917, 92.9579)
contains.

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Color

**XYZ(60.3940, 55.6276,
93.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BBF4
RGB	209, 187, 244
RGB Percent	82%, 73%, 96%
CMY	0.1804, 0.2666, 0.0431
CMYK	0.14, 0.23, 0.00, 0.04
HSL	263°, 72%, 85%
HSV	263°, 23%, 96%
XYZ	60.3940, 55.6276, 93.1420
YIQ	200.0760, -5.1850, 22.3910

Conversions

Conversions Part 2

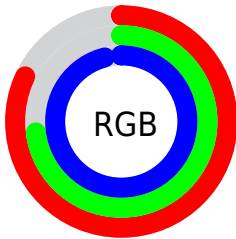
Format	Color
R _Y B	209, 187, 244
Decimal	13745140
CIE Lab	79.40, 18.64, -25.37
CIE LCh	79, 31.484, 306.307
Yxy	55.6276, 0.2887, 0.2660
Android (android.graphics.Color)	4291935220 (0xFFD1BBF4)
YUV	200.0760, 21.6545, 7.8263
Hunter-Lab	74.5839, 14.0178, -21.8339

Details

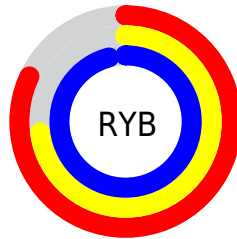
The XYZ color **60.3940, 55.6276, 93.1420** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.4462, 83.8201, 59.4294**, and the grayscale version is **54.8212, 57.6761, 62.8093**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.9286, 27.5511, 51.2647** is the 20% darker color. If you saturate the color by 10%, you get **51.6096, 44.0577, 91.3727**, and if you desaturate by 10%, it is **70.4601, 69.1664, 95.2256**.

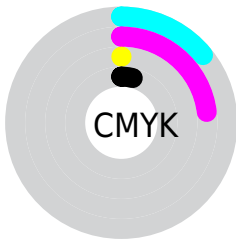
Distribution



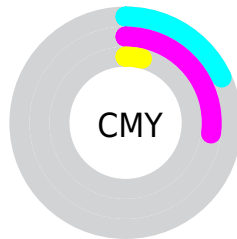
- Red (82%)
- Green (73%)
- Blue (96%)



- Red (82%)
- Yellow (73%)
- Blue (96%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3940, 55.6276, 93.1420 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 60.3940, 55.6276, 93.1420 by changing the saturation by 10% instead.

60.3940, 55.6276,
93.1420

60.3940, 55.6276,
93.1420

415.8600,
408.2866, 559.0312

43.9870, 39.9044,
70.0012

104.5041, 98.4599,
153.6686

30.8581, 27.4640,
51.0507

132.9379,
126.3378, 191.8915

20.6421, 17.9220,
35.8720

166.1113,
159.0360, 235.9788

12.9736, 10.8940,
24.0464

204.3896,
196.9390, 286.3492

7.4873, 5.9956,
15.1555

248.1383,
240.4312, 343.4210

3.8177, 2.8424,
8.7808

297.7227,

1.5995, 1.0500,

289.8969, 407.6130

4.5036

353.5082,
345.7206, 479.3435

■ 0.3921, 0.0000,
1.9055

■ 0.0000, 0.0000,
0.4962

■ 60.3940, 55.6276,
93.1420

■ 60.3940, 55.6276,
93.1420

■ 51.6096, 44.0577,
91.3727

■ 70.4601, 69.1664,
95.2256

■ 44.0461, 34.3554,
89.8986

■ 81.8543, 84.7553,
97.6340

■ 37.6456, 26.4205,
88.7043

■ 92.9443, 99.1133,
99.8209

■ 32.3429, 20.1402,
87.7716

■ 93.3293, 99.3117,
99.8389

■ 28.0655, 15.3884,
87.0798

■ 24.7309, 12.0198,
86.6054

■ 22.2409, 9.8588,
86.3195

■ 20.9632, 8.9206,
86.2058

Harmonies

Analogous

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



54.2178, 55.6276, 102.1323



60.3940, 55.6276, 93.1420



64.7908, 55.6276, 75.6472

Triad

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



60.3940, 55.6276, 93.1420



57.9040, 55.6276, 33.9766



41.6970, 55.6276, 64.4708

Complementary

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



60.3940, 55.6276, 93.1420



71.4462, 83.8201, 59.4294

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.



42.5132, 55.6276, 47.6406



60.3940, 55.6276, 93.1420



51.5494, 55.6276, 32.1593

Square

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



60.3940, 55.6276, 93.1420



63.2750, 55.6276, 42.2211



46.0027, 55.6276, 36.6423



43.6773, 55.6276, 83.5849

Rectangle

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



60.3940, 55.6276, 93.1420



65.9408, 55.6276, 62.8368



46.0027, 55.6276, 36.6423



41.6558, 55.6276, 58.3564

Sweetspot

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



60.3958, 55.6299, 93.1432



85.6995, 87.1154, 106.9058



62.9856, 69.4206, 95.6686



18.1781, 18.4201, 22.8473



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.



60.3958, 55.6299, 93.1432



62.0166, 55.2071, 101.9952



69.1431, 60.1393, 93.5526



16.1859, 16.2385, 20.8238



11.5399, 4.9233, 46.8801



1.1254, 0.4900, 4.1255

Inverse Universe

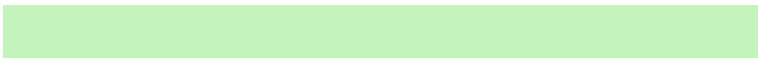
The Inverse Universe completely reimagines the original color for something new.



68.2650, 60.0499, 77.1021



72.2238, 60.9456, 80.9509



63.4805, 79.7137, 59.0567



16.9268, 16.6536, 19.3611



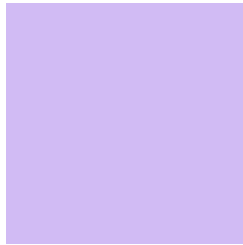
23.3408, 11.6797, 17.0348



2.1016, 1.0466, 1.7614

Previews

White Background



This preview shows how the XYZ color 60.3940, 55.6276, 93.1420 looks on a white background.

Color Contrast Check

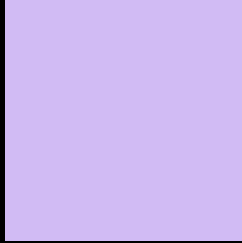
Large Text (above 18pt) WCAG AA × Fail

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 60.3940, 55.6276, 93.1420 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 60.3940, 55.6276, 93.1420

Background



This preview shows how black text looks on a background with the XYZ color 60.3940, 55.6276, 93.1420.

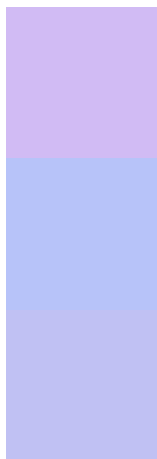


This preview shows how white text looks on a background with the XYZ color 60.3940, 55.6276,

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

60.3940, 55.6276, 93.1420

Protanopia

56.1424, 55.9370, 97.4604

Deuteranopia

56.9859, 55.8175, 92.5644



Tritanopia

55.2072, 55.4399, 68.1128

Trichromacy



Original Color

60.3940, 55.6276, 93.1420

Protanomaly

57.3764, 55.6211, 95.7076

Deuteranomaly

58.0972, 55.7384, 92.4906

Tritanomaly

56.9925, 55.5147, 76.8188

Monochromacy



Original Color

60.3940, 55.6276, 93.1420

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5384, 56.6846, 72.9271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3940, 55.6276, 93.1420 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(209, 187, 244)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 244)  
}
```

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(209, 187, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.3940, 55.6276, 93.1420 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(209, 187, 244) }
```


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

```
.border{ border-color:rgb(209, 187, 244) }
```

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

Here you see how a box with a 4 pixel rgb(209, 187, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 244);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3940, 55.6276, 93.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 244) }
```

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

```
.background{ background-color: rgb(209,  
187, 244) }
```

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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