

Converting Colors

XYZ(55.0532, 54.4789, 73.4861)

Have a look what the booklet for
XYZ(55.0532, 54.4789, 73.4861)
contains.

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Color

**XYZ(54.9746, 54.5507,
73.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BFD9
RGB	200, 191, 217
RGB Percent	78%, 75%, 85%
CMY	0.2157, 0.2510, 0.1490
CMYK	0.08, 0.12, 0.00, 0.15
HSL	261°, 25%, 80%
HSV	261°, 12%, 85%
XYZ	54.9746, 54.5507, 73.2775
YIQ	196.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

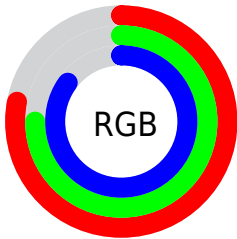
Format	Color
R _Y B	200, 191, 217
Decimal	13156313
CIE Lab	78.78, 8.05, -11.85
CIE LCh	79, 14.326, 304.190
Yxy	54.5507, 0.3007, 0.2984
Android (android.graphics.Color)	4291346393 (0xFFC8BFD9)
YUV	196.6550, 10.0301, 2.9336
Hunter-Lab	73.8584, 3.6095, -7.1227

Details

The XYZ color **54.9746, 54.5507, 73.2775** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.2312, 66.7986, 59.0117**, and the grayscale version is **52.8071, 55.5572, 60.5018**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **27.4641, 26.8966, 37.9265** is the 20% darker color. If you saturate the color by 10%, you get **46.9732, 43.9147, 71.6471**, and if you desaturate by 10%, it is **64.0321, 66.7749, 75.1605**.

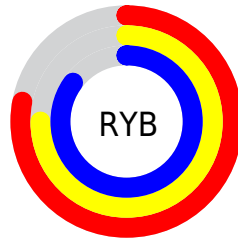
Distribution



Red (78%)

Green (75%)

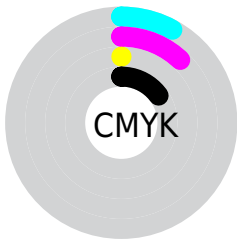
Blue (85%)



Red (78%)

Yellow (75%)

Blue (85%)

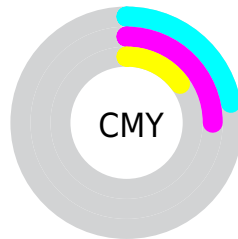


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9746, 54.5507, 73.2775 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 54.9746, 54.5507, 73.2775 by changing the saturation by 10% instead.

■ 54.9746, 54.5507,
73.2775

■ 54.9746, 54.5507,
73.2775

395.9536,
404.2065, 491.0726

■ 39.6151, 39.0421,
53.7097

■ 96.6523, 96.8823,
125.5956

■ 27.4215, 26.7925,
37.9780

123.7012,
124.4742, 159.1831

■ 18.0282, 17.4174,
25.6639

155.3774,
156.8626, 198.2808

■ 11.0701, 10.5326,
16.3489

192.0461,
194.4319, 243.3073

■ 6.1816, 5.7535,
9.6143

234.0727,
237.5666, 294.6812

■ 2.9975, 2.6958,
5.0418

281.8226,

■ 1.1525, 0.9750,

286.6510, 352.8210

2.2126

335.6611,
342.0695, 418.1453

■ 0.0683, 0.0000,
0.6816

■ 0.0000, 0.0000,
0.0000

■ 54.9746, 54.5507,
73.2775

■ 54.9746, 54.5507,
73.2775

■ 46.9732, 43.9147,
71.6471

■ 64.0321, 66.7749,
75.1605

■ 39.9829, 34.7936,
70.2550

■ 74.1788, 80.6427,
77.3024

■ 33.9622, 27.1187,
69.0909

■ 85.0990, 95.5083,
79.5962

■ 28.8651, 20.8129,
68.1424

■ 89.5245, 97.7898,
79.8034

■ 24.6412, 15.7919,
67.3959

■ 21.2350, 11.9619,
66.8361

■ 18.5837, 9.2155,
66.4458

■ 16.6136, 7.4248,
66.2040

■ 15.4342, 6.5098,
66.0895

Harmonies

Analogous

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



52.2483, 54.5507, 76.3775



54.9746, 54.5507, 73.2775



56.9157, 54.5507, 66.4606

Triad

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



54.9746, 54.5507, 73.2775



54.2601, 54.5507, 46.4144



46.5970, 54.5507, 60.5450

Complementary

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



54.9746, 54.5507, 73.2775



60.2312, 66.7986, 59.0117

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.



47.0919, 54.5507, 52.8514



54.9746, 54.5507, 73.2775



51.4513, 54.5507, 45.1396

Square

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



54.9746, 54.5507, 73.2775



56.4927, 54.5507, 51.0438



48.8438, 54.5507, 47.3894



47.4666, 54.5507, 68.6139

Rectangle

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



54.9746, 54.5507, 73.2775



57.4667, 54.5507, 60.9919



48.8438, 54.5507, 47.3894



46.6095, 54.5507, 57.8290

Sweetspot

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



54.9762, 54.5530, 73.2787



89.4705, 92.4207, 107.7311



56.6493, 61.3624, 74.5049



18.9319, 19.4860, 23.0133



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.



54.9762, 54.5530, 73.2787



76.6268, 75.1379, 105.0721



58.5008, 56.3700, 73.4436



12.7615, 12.8352, 16.4570



9.4458, 3.9937, 40.0114



0.7029, 0.3056, 2.5964

Inverse Universe

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



58.6331, 56.5698, 67.5058



82.7739, 78.5293, 95.3079



56.8106, 65.0352, 58.8517



13.4130, 13.1943, 15.4360



20.3247, 10.1309, 16.6217



1.3567, 0.6723, 1.2875

Previews

White Background



This preview shows how the XYZ color 54.9746, 54.5507, 73.2775 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 54.9746, 54.5507, 73.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

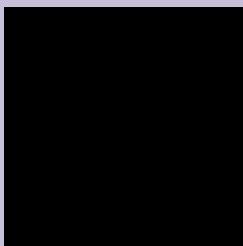
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

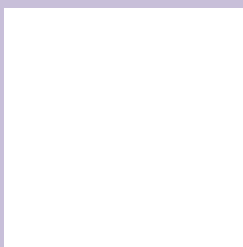
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9746, 54.5507, 73.2775

Background



This preview shows how black text looks on a background with the XYZ color 54.9746, 54.5507, 73.2775.



This preview shows how white text looks on a background with the XYZ color 54.9746, 54.5507,

73.2775.

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

54.9746, 54.5507, 73.2775

Protanopia

53.5638, 54.7744, 74.7672

Deuteranopia

55.8397, 54.6740, 73.2557



Tritanopia

54.0083, 54.8361, 67.4124

Trichromacy



Original Color

54.9746, 54.5507, 73.2775

Protanomaly

53.9730, 54.6712, 74.0376

Deuteranomaly

55.5664, 54.5332, 73.2429

Tritanomaly

54.1607, 54.5445, 69.3016

Monochromacy



Original Color

54.9746, 54.5507, 73.2775

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7029, 55.3956, 64.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9746, 54.5507, 73.2775 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(200, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 217)  
}
```

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(200, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.9746, 54.5507, 73.2775 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(200, 191, 217) }
```


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

```
.border{ border-color:rgb(200, 191, 217) }
```

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

Here you see how a box with a 4 pixel rgb(200, 191, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9746, 54.5507, 73.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 217) }
```

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

```
.background{ background-color: rgb(200,  
191, 217) }
```

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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