

Converting Colors

XYZ(64.5433, 53.2063, 95.3447)

Have a look what the booklet for
XYZ(64.5433, 53.2063, 95.3447)
contains.

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Color

**XYZ(64.6508, 53.2713,
95.6819)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ACF8
RGB	231, 172, 248
RGB Percent	91%, 67%, 97%
CMY	0.0941, 0.3255, 0.0274
CMYK	0.07, 0.31, 0.00, 0.03
HSL	287°, 84%, 82%
HSV	287°, 31%, 97%
XYZ	64.6508, 53.2713, 95.6819
YIQ	198.3050, 10.7680, 36.1440

Conversions

Conversions Part 2

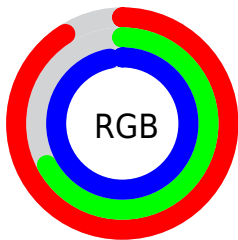
Format	Color
R _Y B	231, 172, 248
Decimal	15183096
CIE Lab	78.03, 34.40, -29.44
CIE LCh	78, 45.278, 319.447
Yxy	53.2713, 0.3027, 0.2494
Android (android.graphics.Color)	4293373176 (0xFFE7ACF8)
YUV	198.3050, 24.4996, 28.6735
Hunter-Lab	72.9872, 30.3847, -26.6347

Details

The XYZ color **64.6508, 53.2713, 95.6819** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.0019, 80.9336, 51.3862**, and the grayscale version is **53.7145, 56.5118, 61.5414**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **33.6800, 26.0692, 52.5469** is the 20% darker color. If you saturate the color by 10%, you get **58.6023, 43.7893, 94.1713**, and if you desaturate by 10%, it is **71.6402, 64.5485, 97.4910**.

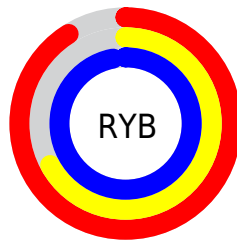
Distribution



Red (91%)

Green (67%)

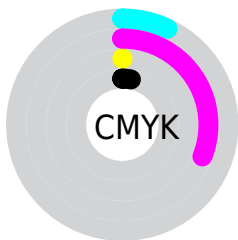
Blue (97%)



Red (91%)

Yellow (67%)

Blue (97%)

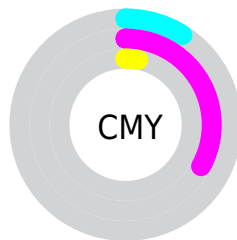


Cyan (7%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6508, 53.2713, 95.6819 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 64.6508, 53.2713, 95.6819 by changing the saturation by 10% instead.

64.6508, 53.2713,
95.6819

64.6508, 53.2713,
95.6819

431.1011,
399.3251, 567.3857

47.4416, 38.0194,
72.1026

110.6162, 95.0035,
157.2100

33.5943, 25.9977,
52.7552

140.1031,
122.2525, 195.9959

22.7435, 16.8219,
37.2210

174.4133,
154.2694, 240.6878

14.5239, 10.1076,
25.0815

213.9121,
191.4385, 291.7042

8.5701, 5.4704,
15.9182

258.9650,
234.1442, 349.4637

4.5167, 2.5258,
9.3126

309.9372,

1.9984, 0.8895,

282.7710, 414.3847

4.8460

367.1941,
337.7031, 486.8859

■ 0.6331, 0.0000,
2.1001

■ 0.0000, 0.0000,
0.6158

■ 64.6508, 53.2713,
95.6819

■ 64.6508, 53.2713,
95.6819

■ 58.6023, 43.7893,
94.1713

■ 71.6402, 64.5485,
97.4910

■ 53.4399, 35.9972,
92.9394

■ 79.6111, 77.7048,
99.6104

■ 49.1109, 29.7893,
91.9693

■ 88.6080, 92.8272,
102.0551

■ 45.5546, 25.0448,
91.2409

■ 93.2812, 99.2160,
103.0419

■ 42.7014, 21.6254,
90.7313

■ 93.9434, 99.5574,
103.0729

■ 40.4682, 19.3657,
90.4128

■ 38.8153, 18.0528,
90.2465

Harmonies

Analogous

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



56.4950, 53.2713, 116.9536



64.6508, 53.2713, 95.6819



69.2132, 53.2713, 67.3662

Triad

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



64.6508, 53.2713, 95.6819



53.8044, 53.2713, 22.1451



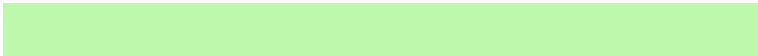
36.2587, 53.2713, 75.7341

Complementary

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



64.6508, 53.2713, 95.6819



62.0019, 80.9336, 51.3862

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.



35.7162, 53.2713, 49.5509



64.6508, 53.2713, 95.6819



45.1908, 53.2713, 23.1876

Square

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



64.6508, 53.2713, 95.6819



62.4854, 53.2713, 28.3603



38.8034, 53.2713, 31.7981



40.3826, 53.2713, 103.3165

Rectangle

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



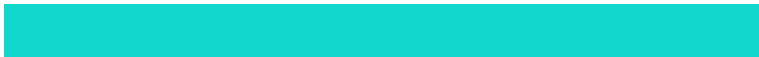
64.6508, 53.2713, 95.6819



69.2833, 53.2713, 50.3868



38.8034, 53.2713, 31.7981



35.6712, 53.2713, 66.3513

Sweetspot

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



64.6525, 53.2736, 95.6831



86.2972, 85.2607, 106.5164



52.3144, 52.2619, 96.1381



18.1864, 17.7741, 22.7222



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.



64.6525, 53.2736, 95.6831



64.6311, 50.0623, 100.8643



67.4321, 55.0504, 80.2781



17.5910, 17.3173, 21.8007



21.0942, 9.8172, 48.7567



2.0437, 0.9556, 4.5199

Inverse Universe

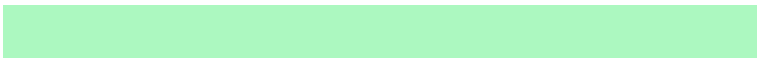
The Inverse Universe completely reimagines the original color for something new.



62.6510, 53.1379, 55.1011



62.3419, 49.9948, 50.4874



60.1265, 79.7245, 62.2459



17.4036, 17.2888, 18.7150



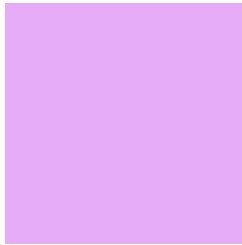
21.3336, 10.9492, 3.1992



2.0140, 1.0293, 0.4970

Previews

White Background



This preview shows how the XYZ color 64.6508, 53.2713, 95.6819 looks on a white background.

Color Contrast Check

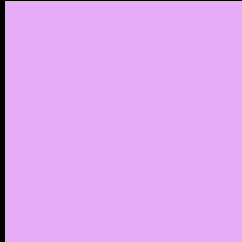
Large Text (above 18pt) WCAG AA × Fail

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 64.6508, 53.2713, 95.6819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

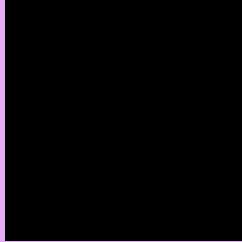
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6508, 53.2713, 95.6819

Background



This preview shows how black text looks on a background with the XYZ color 64.6508, 53.2713, 95.6819.



This preview shows how white text looks on a background with the XYZ color 64.6508, 53.2713,

95.6819.

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

64.6508, 53.2713, 95.6819

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.9025, 53.7338, 93.8642



Tritanopia

57.1232, 53.1294, 59.4688

Trichromacy



Original Color

64.6508, 53.2713, 95.6819



Protanomaly

57.2169, 52.9114, 99.2927



Deuteranomaly

57.9252, 53.0774, 94.3807



Tritanomaly

59.5502, 52.9158, 71.3651

Monochromacy



Original Color

64.6508, 53.2713, 95.6819



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.1706, 55.0547, 72.5792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6508, 53.2713, 95.6819 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(231, 172, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 172, 248)  
}
```

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(231, 172, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 172, 248) }
```

Border

The CSS property to change the border of an element to XYZ 64.6508, 53.2713, 95.6819 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(231, 172, 248) }
```


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

```
.border{ border-color:rgb(231, 172, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 172, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 172, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 172, 248); box-shadow:4px 4px 4px 4px rgb(231, 172, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6508, 53.2713, 95.6819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 172, 248) }
```

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

```
.background{ background-color: rgb(231,  
172, 248) }
```

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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