

Converting Colors

XYZ(65.5543, 54.4395, 96.0204)

Have a look what the booklet for
XYZ(65.5543, 54.4395, 96.0204)
contains.

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Color

**XYZ(65.3580, 54.2052,
95.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AEF8
RGB	232, 174, 248
RGB Percent	91%, 68%, 97%
CMY	0.0902, 0.3176, 0.0274
CMYK	0.06, 0.30, 0.00, 0.03
HSL	287°, 84%, 83%
HSV	287°, 30%, 97%
XYZ	65.3580, 54.2052, 95.8248
YIQ	199.7780, 10.8140, 35.3100

Conversions

Conversions Part 2

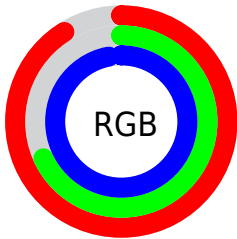
Format	Color
R _Y B	232, 174, 248
Decimal	15249144
CIE Lab	78.58, 33.65, -28.59
CIE LCh	79, 44.153, 319.643
Yxy	54.2052, 0.3034, 0.2517
Android (android.graphics.Color)	4293439224 (0xFFE8AEF8)
YUV	199.7780, 23.7734, 28.2587
Hunter-Lab	73.6242, 29.6165, -25.6314

Details

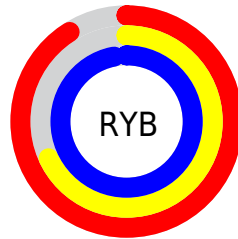
The XYZ color **65.3580, 54.2052, 95.8248** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.4444, 81.1393, 52.4172**, and the grayscale version is **54.6185, 57.4629, 62.5771**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **34.1458, 26.6664, 52.6377** is the 20% darker color. If you saturate the color by 10%, you get **59.2883, 44.6095, 94.2934**, and if you desaturate by 10%, it is **72.3688, 65.6018, 97.6559**.

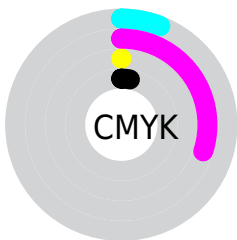
Distribution



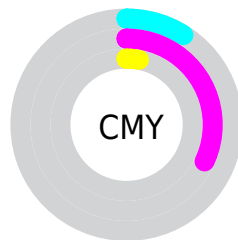
- Red (91%)
- Green (68%)
- Blue (97%)



- Red (91%)
- Yellow (68%)
- Blue (97%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3580, 54.2052, 95.8248 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 65.3580, 54.2052, 95.8248 by changing the saturation by 10% instead.

65.3580, 54.2052,
95.8248

65.3580, 54.2052,
95.8248

433.6023,
402.8920, 567.8538

48.0172, 38.7657,
72.2210

111.6272, 96.3755,
157.4090

34.0518, 26.5775,
52.8513

141.2864,
123.8751, 196.2264

23.0965, 17.2562,
37.2971

175.7824,
156.1635, 240.9521

14.7859, 10.4173,
25.1400

215.4806,
193.6252, 292.0046

8.7546, 5.6765,
15.9615

260.7463,
236.6445, 349.8025

4.6373, 2.6494,
9.3428

311.9449,

2.0686, 0.9516,

285.6058, 414.7643

4.8656

369.4418,
340.8935, 487.3086

■ 0.6721, 0.0000,
2.1113

■ 0.0000, 0.0000,
0.6225

■ 65.3580, 54.2052,
95.8248

■ 65.3580, 54.2052,
95.8248

■ 59.2883, 44.6095,
94.2934

■ 72.3688, 65.6018,
97.6559

■ 54.1053, 36.7101,
93.0418

■ 80.3608, 78.8827,
99.7981

■ 49.7566, 30.4021,
92.0534

■ 89.3783, 94.1343,
102.2667

■ 46.1824, 25.5660,
91.3084

■ 93.3757, 99.2647,
103.0463

■ 43.3138, 22.0653,
90.7838

■ 93.9434, 99.5574,
103.0729

■ 41.0691, 19.7372,
90.4528

■ 39.3159, 18.3173,
90.2711

■ 39.2890, 18.2969,
90.2686

Harmonies

Analogous

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



57.3549, 54.2052, 116.6628



65.3580, 54.2052, 95.8248



69.8037, 54.2052, 68.0652

Triad

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



65.3580, 54.2052, 95.8248



54.5888, 54.2052, 23.3064



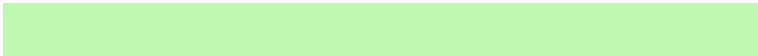
37.3085, 54.2052, 76.6473

Complementary

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



65.3580, 54.2052, 95.8248



62.4444, 81.1393, 52.4172

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.



36.7458, 54.2052, 50.8143



65.3580, 54.2052, 95.8248



46.0957, 54.2052, 24.4045

Square

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



65.3580, 54.2052, 95.8248



63.1379, 54.2052, 29.5074



39.7883, 54.2052, 33.1013



41.4233, 54.2052, 103.6079

Rectangle

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



65.3580, 54.2052, 95.8248



69.8481, 54.2052, 51.3484



39.7883, 54.2052, 33.1013



36.7169, 54.2052, 67.4206

Sweetspot

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



65.3597, 54.2075, 95.8260



86.3586, 85.2924, 106.5192



52.8217, 52.6198, 96.1803



18.2016, 17.7819, 22.7229



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.



65.3597, 54.2075, 95.8260



65.4937, 51.1734, 101.0333



67.7188, 55.7787, 79.8959



17.6042, 17.3241, 21.8013



21.3474, 9.9477, 48.7685



2.0651, 0.9667, 4.5209

Inverse Universe

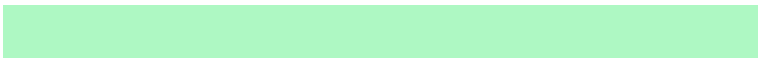
The Inverse Universe completely reimagines the original color for something new.



63.1435, 53.9486, 55.8027



62.9250, 50.9464, 51.3434



60.8714, 80.0734, 63.8598



17.3982, 17.2866, 18.6866



21.3087, 10.9392, 3.0680



2.0110, 1.0281, 0.4811

Previews

White Background



This preview shows how the XYZ color 65.3580, 54.2052, 95.8248 looks on a white background.

Color Contrast Check

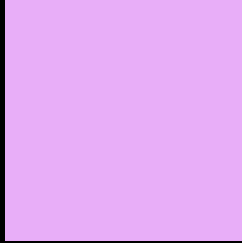
Large Text (above 18pt) WCAG AA × Fail

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 65.3580, 54.2052, 95.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

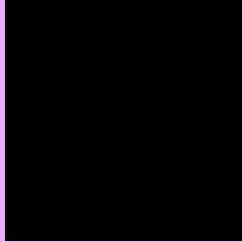
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3580, 54.2052, 95.8248

Background



This preview shows how black text looks on a background with the XYZ color 65.3580, 54.2052, 95.8248.



This preview shows how white text looks on a background with the XYZ color 65.3580, 54.2052,

95.8248.

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

65.3580, 54.2052, 95.8248

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.8513, 54.5455, 93.9709



Tritanopia

58.3849, 54.3657, 60.8425

Trichromacy



Original Color

65.3580, 54.2052, 95.8248



Protanomaly

58.1556, 54.0164, 99.4565



Deuteranomaly

58.8854, 54.1891, 94.5447



Tritanomaly

60.7108, 54.0944, 72.2072

Monochromacy



Original Color

65.3580, 54.2052, 95.8248



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.3066, 56.2684, 73.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3580, 54.2052, 95.8248 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(232, 174, 248)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 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(232, 174, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 248) }
```

Border

The CSS property to change the border of an element to XYZ 65.3580, 54.2052, 95.8248 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(232, 174, 248) }
```


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

```
.border{ border-color:rgb(232, 174, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 248);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3580, 54.2052, 95.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 248) }
```

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

```
.background{ background-color: rgb(232,  
174, 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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