

Converting Colors

XYZ(54.7832, 40.6683, 72.7493)

Have a look what the booklet for
XYZ(54.7832, 40.6683, 72.7493)
contains.

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Color

**XYZ(54.9295, 40.7465,
72.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	E68CDC
RGB	230, 140, 220
RGB Percent	90%, 55%, 86%
CMY	0.0980, 0.4510, 0.1373
CMYK	0.00, 0.39, 0.04, 0.10
HSL	307°, 64%, 73%
HSV	307°, 39%, 90%
XYZ	54.9295, 40.7465, 72.6799
YIQ	176.0300, 27.9600, 43.9600

Conversions

Conversions Part 2

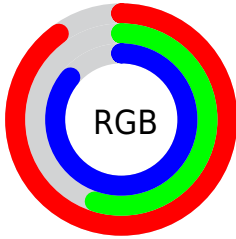
Format	Color
R_{YB}	230, 140, 220
Decimal	15109340
CIE _{Lab}	70.00, 45.80, -26.52
CIE _{LCh}	70, 52.920, 329.929
Yxy	40.7465, 0.3263, 0.2420
Android (android.graphics.Color)	4293299420 (0xFFE68CDC)
YUV	176.0300, 21.6772, 47.3317
Hunter-Lab	63.8330, 41.8949, -22.8242

Details

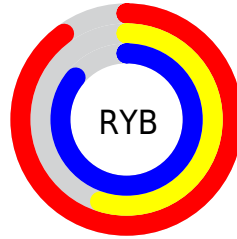
The XYZ color **54.9295, 40.7465, 72.6799** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.6188, 64.3725, 38.9302**, and the grayscale version is **41.1641, 43.3078, 47.1622**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **27.4333, 18.4172, 37.7063** is the 20% darker color. If you saturate the color by 10%, you get **51.5778, 34.5800, 69.9057**, and if you desaturate by 10%, it is **58.9913, 48.3234, 75.7172**.

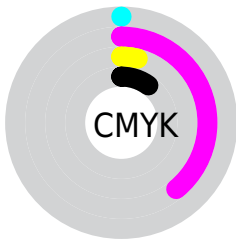
Distribution



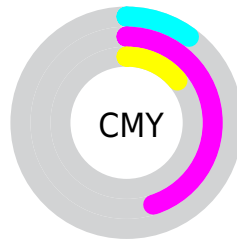
- Red (90%)
- Green (55%)
- Blue (86%)



- Red (90%)
- Yellow (55%)
- Blue (86%)



- Cyan (0%)
- Magenta (39%)
- Yellow (4%)
- Black (10%)





- Cyan (10%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9295, 40.7465, 72.6799 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 54.9295, 40.7465, 72.6799 by changing the saturation by 10% instead.


 54.9295, 40.7465,
72.6799


 54.9295, 40.7465,
72.6799


395.7854,
349.2600, 488.9456


 39.5789, 28.1211,
53.2240

 96.5866, 76.2989,
124.7394

 27.3931, 18.4169,
37.5927


 123.6238, 99.9947,
158.1801

 18.0068, 11.2497,
25.3673


 155.2872,
128.1494, 197.1195

 11.0546, 6.2351,
16.1294

191.9422,
161.1473, 241.9761

 6.1711, 2.9885,
9.4605

233.9542,
199.3730, 293.1685

 2.9911, 1.1258,
4.9418

281.6885,

 1.1490, 0.0000,

243.2107, 351.1152

2.1550

335.5104,
293.0449, 416.2347

■ 0.0656, 0.0000,
0.6482

■ 0.0000, 0.0000,
0.0000

■ 54.9295, 40.7465,
72.6799

■ 54.9295, 40.7465,
72.6799

■ 51.5778, 34.5800,
69.9057

■ 58.9913, 48.3234,
75.7172

■ 48.8882, 29.7301,
67.3771


■ 63.7996, 57.3858,
79.0286


■ 46.8129, 26.1006,
65.0787


■ 69.3930, 68.0101,
82.6274


■ 45.2959, 23.5796,
62.9915


■ 75.8063, 80.2656,
86.5254


 44.2709, 22.0345,
61.0934


 83.0701, 94.2138,
90.7329


 43.6345, 21.2584,
59.3499

 83.4375, 94.3608,
92.6676

 43.5859, 21.2041,
59.2014

 83.8102, 94.5099,
94.6304

 84.1883, 94.6611,
96.6212

 84.5717, 94.8145,
98.6402

Harmonies

Analogous

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



47.6076, 40.7465, 99.5828



54.9295, 40.7465, 72.6799



57.7962, 40.7465, 44.4249

Triad

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



54.9295, 40.7465, 72.6799



38.7489, 40.7465, 11.7994



26.0584, 40.7465, 72.5383

Complementary

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



54.9295, 40.7465, 72.6799



44.6188, 64.3725, 38.9302

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.



24.3965, 40.7465, 44.3072



54.9295, 40.7465, 72.6799



31.0280, 40.7465, 14.6180

Square

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



54.9295, 40.7465, 72.6799



47.6484, 40.7465, 14.6461



26.0742, 40.7465, 24.5660



30.9973, 40.7465, 99.4819

Rectangle

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



54.9295, 40.7465, 72.6799



56.5088, 40.7465, 30.0639



26.0742, 40.7465, 24.5660



25.1338, 40.7465, 62.6079

Sweetspot

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



54.9308, 40.7483, 72.6807



85.5106, 81.7895, 103.0432



36.0573, 30.8611, 78.9202



18.1001, 17.1209, 21.9262



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.



54.9308, 40.7483, 72.6807



65.9042, 45.0215, 88.9707



49.8493, 38.7157, 45.9218



14.9225, 14.5862, 17.7922



24.7040, 12.0158, 33.6658



1.8453, 0.8958, 2.5920

Inverse Universe

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



54.9308, 40.7483, 72.6807



65.9042, 45.0215, 88.9707



48.8513, 66.0655, 61.2179



14.9225, 14.5862, 17.7922



24.7040, 12.0158, 33.6658



1.8453, 0.8958, 2.5920

Previews

White Background



This preview shows how the XYZ color 54.9295, 40.7465, 72.6799 looks on a white background.

Color Contrast Check

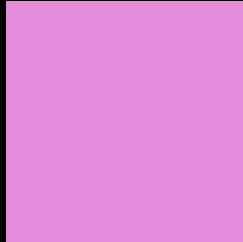
Large Text (above 18pt) WCAG AA × Fail

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 54.9295, 40.7465, 72.6799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

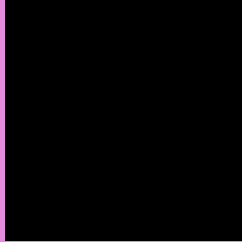
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9295, 40.7465, 72.6799

Background



This preview shows how black text looks on a background with the XYZ color 54.9295, 40.7465, 72.6799.



This preview shows how white text looks on a background with the XYZ color 54.9295, 40.7465,

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

54.9295, 40.7465, 72.6799

Protanopia

42.6094, 41.1763, 89.7065

Deuteranopia

41.9943, 41.0186, 69.9940



Tritanopia

48.2705, 40.7888, 39.9792

Trichromacy



Original Color

54.9295, 40.7465, 72.6799



Protanomaly

45.4382, 39.8592, 83.1406



Deuteranomaly

45.7375, 40.2823, 71.0103



Tritanomaly

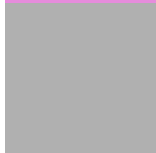
50.6057, 40.8093, 50.5572

Monochromacy



Original Color

54.9295, 40.7465, 72.6799



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.3766, 41.7359, 55.5334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9295, 40.7465, 72.6799 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(230, 140, 220)` looks like.

```
.text, #text, p{  
    color:rgb(230, 140, 220)  
}
```

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(230, 140, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 140, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.9295, 40.7465, 72.6799 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(230, 140, 220) }
```


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

```
.border{ border-color:rgb(230, 140, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 140, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 140, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 140, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 140,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9295, 40.7465, 72.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 140, 220) }
```

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

```
.background{ background-color: rgb(230,  
140, 220) }
```

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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