

Converting Colors

XYZ(52.7880, 42.0717, 54.9711)

Have a look what the booklet for
XYZ(52.7880, 42.0717, 54.9711)
contains.

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Color

**XYZ(52.8950, 42.1237,
55.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	E695C0
RGB	230, 149, 192
RGB Percent	90%, 58%, 75%
CMY	0.0980, 0.4157, 0.2471
CMYK	0.00, 0.35, 0.17, 0.10
HSL	328°, 62%, 74%
HSV	328°, 35%, 90%
XYZ	52.8950, 42.1237, 55.2120
YIQ	178.1210, 34.4730, 30.5450

Conversions

Conversions Part 2

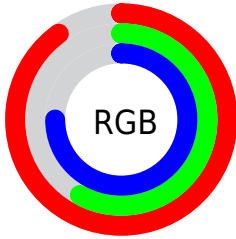
Format	Color
R _Y B	230, 149, 192
Decimal	15111616
CIE Lab	70.96, 36.46, -9.56
CIE LCh	71, 37.694, 345.306
Yxy	42.1237, 0.3521, 0.2804
Android (android.graphics.Color)	4293301696 (0xFFE695C0)
YUV	178.1210, 6.8423, 45.4979
Hunter-Lab	64.9028, 31.8956, -5.0053

Details

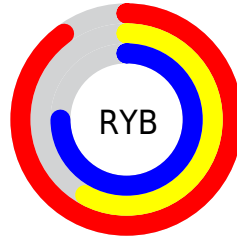
The XYZ color **52.8950, 42.1237, 55.2120** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.6627, 66.5722, 57.2490**, and the grayscale version is **42.3342, 44.5389, 48.5029**.

A 20% lighter version of the original color is **79.7761, 71.2230, 98.3497**, and **26.1685, 19.2977, 26.7717** is the 20% darker color. If you saturate the color by 10%, you get **48.4570, 35.0911, 48.0485**, and if you desaturate by 10%, it is **58.1417, 50.6323, 63.0785**.

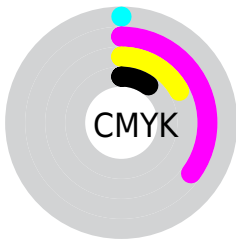
Distribution



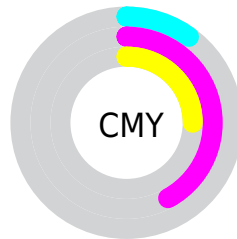
- Red (90%)
- Green (58%)
- Blue (75%)



- Red (90%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8950, 42.1237, 55.2120 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 52.8950, 42.1237, 55.2120 by changing the saturation by 10% instead.


 52.8950, 42.1237,
55.2120


 52.8950, 42.1237,
55.2120


388.1496,
354.9955, 424.0196

 37.9461, 29.1982,
39.1717


 93.6163, 78.3868,
99.3258

 26.1179, 19.2308,
26.5845


 120.1194,
102.4932, 128.2363

 17.0450, 11.8372,
17.0317


151.2046,
131.0953, 162.2741

 10.3621, 6.6329,
10.0949

187.2372,
164.5775, 201.8576

 5.7038, 3.2336,
5.3555

228.5827,
203.3242, 247.4054

 2.7047, 1.2549,
2.3950

275.6064,

 0.9996, 0.1058,

247.7198, 299.3359

0.7837

328.6735,
298.1488, 358.0678

■ 0.0000, 0.0000,
0.0000

■ 52.8950, 42.1237,
55.2120

■ 52.8950, 42.1237,
55.2120

■ 48.4570, 35.0911,
48.0485

■ 58.1417, 50.6323,
63.0785

■ 44.7796, 29.4429,
41.5615

■ 64.2341, 60.6897,
71.6679

■ 41.8151, 25.0863,
35.7259

■ 71.2115, 72.3711,
81.0025

■ 39.5086, 21.9147,
30.5136

■ 79.1095, 85.7449,
91.1024

■ 37.7964, 19.8038,
25.8931

■ 85.0209, 94.9941,
101.0070

■ 36.6006, 18.6016,
21.8278

■ 86.4433, 95.5631,
108.4972

■ 36.1520, 18.2305,
20.0560

Harmonies

Analogous

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



49.2527, 42.1237, 74.7521



52.8950, 42.1237, 55.2120



52.8548, 42.1237, 37.3262

Triad

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



52.8950, 42.1237, 55.2120



36.9326, 42.1237, 19.9359



32.1285, 42.1237, 75.1147

Complementary

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



52.8950, 42.1237, 55.2120



49.6627, 66.5722, 57.2490

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.



29.4801, 42.1237, 55.6171



52.8950, 42.1237, 55.2120



32.0497, 42.1237, 25.5836

Square

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



52.8950, 42.1237, 55.2120



43.1801, 42.1237, 19.8811



29.4529, 42.1237, 37.6383



37.0508, 42.1237, 88.1259

Rectangle

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



52.8950, 42.1237, 55.2120



50.7261, 42.1237, 28.6365



29.4529, 42.1237, 37.6383



30.9666, 42.1237, 68.9049

Sweetspot

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



52.8962, 42.1257, 55.2129



84.6984, 82.5720, 95.3524



45.4768, 37.7500, 79.7530



17.8767, 17.2524, 20.0693



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.



52.8962, 42.1257, 55.2129



62.8038, 46.8043, 63.3253



49.0251, 40.5772, 34.8278



14.6951, 14.4952, 16.5950



20.5295, 10.3460, 11.6830



1.5639, 0.7833, 1.1101

Inverse Universe

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



52.8962, 42.1257, 55.2129



62.8038, 46.8043, 63.3253



54.5992, 68.5468, 83.2441



14.6951, 14.4952, 16.5950



20.5295, 10.3460, 11.6830



1.5639, 0.7833, 1.1101

Previews

White Background



This preview shows how the XYZ color 52.8950, 42.1237, 55.2120 looks on a white background.

Color Contrast Check

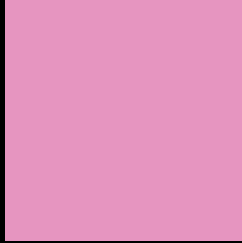
Large Text (above 18pt) WCAG AA × Fail

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 52.8950, 42.1237, 55.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

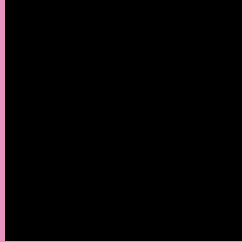
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8950, 42.1237, 55.2120

Background



This preview shows how black text looks on a background with the XYZ color 52.8950, 42.1237, 55.2120.



This preview shows how white text looks on a background with the XYZ color 52.8950, 42.1237,

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

52.8950, 42.1237, 55.2120

Protanopia

42.1424, 42.6076, 65.0344

Deuteranopia

43.0322, 42.1971, 53.4538



Tritanopia

50.0257, 42.1587, 41.0981

Trichromacy



Original Color

52.8950, 42.1237, 55.2120



Protanomaly

45.1713, 41.7623, 61.5573



Deuteranomaly

46.1930, 41.9323, 53.8032



Tritanomaly

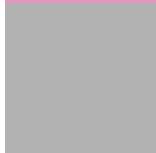
50.9610, 42.0456, 45.9871

Monochromacy



Original Color

52.8950, 42.1237, 55.2120



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.3919, 42.9266, 50.6930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8950, 42.1237, 55.2120 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, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(230, 149, 192)  
}
```

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, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 149, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.8950, 42.1237, 55.2120 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, 149, 192) }
```


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

```
.border{ border-color:rgb(230, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(230, 149,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8950, 42.1237, 55.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 149, 192) }
```

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

```
.background{ background-color: rgb(230,  
149, 192) }
```

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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