

Converting Colors

XYZ(55.2944, 47.7092, 50.3675)

Have a look what the booklet for
XYZ(55.2944, 47.7092, 50.3675)
contains.

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Color

**XYZ(55.3584, 47.8056,
50.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A6B6
RGB	232, 166, 182
RGB Percent	91%, 65%, 71%
CMY	0.0902, 0.3490, 0.2863
CMYK	0.00, 0.28, 0.22, 0.09
HSL	345°, 59%, 78%
HSV	345°, 28%, 91%
XYZ	55.3584, 47.8056, 50.5657
YIQ	187.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

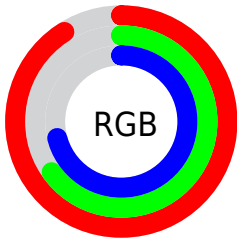
Format	Color
R _Y B	232, 166, 182
Decimal	15247030
CIE Lab	74.70, 26.60, 1.50
CIE LCh	75, 26.644, 3.234
Yxy	47.8056, 0.3601, 0.3110
Android (android.graphics.Color)	4293437110 (0xFFE8A6B6)
YUV	187.5580, -2.7401, 38.9756
Hunter-Lab	69.1416, 21.9187, 5.0382

Details

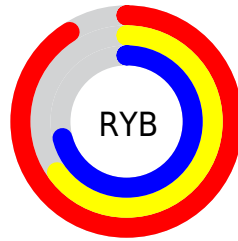
The XYZ color **55.3584, 47.8056, 50.5657** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9791, 70.7792, 75.6277**, and the grayscale version is **47.5519, 50.0283, 54.4809**.

A 20% lighter version of the original color is **82.7939, 79.6756, 91.9041**, and **27.5468, 22.5092, 23.6617** is the 20% darker color. If you saturate the color by 10%, you get **49.8114, 39.4382, 40.3102**, and if you desaturate by 10%, it is **61.8968, 57.7901, 62.2777**.

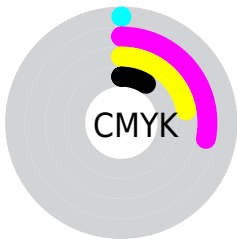
Distribution



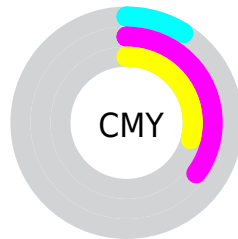
- Red (91%)
- Green (65%)
- Blue (71%)



- Red (91%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3584, 47.8056, 50.5657 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 55.3584, 47.8056, 50.5657 by changing the saturation by 10% instead.


 55.3584, 47.8056,
50.5657


 55.3584, 47.8056,
50.5657


397.3834,
378.0211, 405.6723

 39.9237, 33.6730,
35.4888


 97.2111, 86.9149,
92.4174

 27.6630, 22.6425,
23.7531

 124.3599,
112.6603, 120.0292

 18.2109, 14.3297,
14.9400


156.1441,
143.0455, 152.6565

 11.2021, 8.3504,
8.6312

192.9290,
178.4548, 190.7176

 6.2713, 4.3199,
4.4079

235.0800,
219.2726, 234.6313

 3.0529, 1.8541,
1.8517

282.9625,

 1.1818, 0.5206,

265.8833, 284.8159

0.4617

336.9419,
318.6713, 341.6901

■ 0.0919, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3584, 47.8056,
50.5657

■ 55.3584, 47.8056,
50.5657

■ 49.8114, 39.4382,
40.3102

■ 61.8968, 57.7901,
62.2777

■ 45.2025, 32.5959,
31.4502

■ 69.4685, 69.4638,
75.4979

■ 41.4793, 27.1880,
23.9249

■ 78.1176, 82.9027,
90.2789

■ 38.5825, 23.1111,
17.6673

■ 86.6586, 95.7238,
106.2614

■ 36.4453, 20.2478,
12.6045

■ 87.0889, 95.8959,
108.5274

■ 34.9897, 18.4602,
8.6553

■ 34.1065, 17.5495,
5.7224

■ 33.9983, 17.4437,
5.3462

Harmonies

Analogous

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



54.2473, 47.8056, 64.9770



55.3584, 47.8056, 50.5657



53.6597, 47.8056, 38.7899

Triad

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



55.3584, 47.8056, 50.5657



40.5342, 47.8056, 32.8188



41.3811, 47.8056, 79.6041

Complementary

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



55.3584, 47.8056, 50.5657



56.9791, 70.7792, 75.6277

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.



38.1018, 47.8056, 68.0376



55.3584, 47.8056, 50.5657



37.6377, 47.8056, 40.9661

Square

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



55.3584, 47.8056, 50.5657



44.9157, 47.8056, 29.7512



36.7794, 47.8056, 53.5675



45.9639, 47.8056, 83.3905

Rectangle

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



55.3584, 47.8056, 50.5657



51.2282, 47.8056, 33.5154



36.7794, 47.8056, 53.5675



40.1010, 47.8056, 76.4071

Sweetspot

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



55.3597, 47.8078, 50.5667



85.4864, 85.1517, 92.5211



56.3747, 47.6239, 82.5653



17.9888, 17.7484, 19.2686



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.



55.3597, 47.8078, 50.5667



64.5175, 53.0639, 55.1649



56.9937, 53.5721, 43.4157



14.5195, 14.4250, 15.6701



18.9159, 9.7006, 3.1864



1.4338, 0.7312, 0.4251

Inverse Universe

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



55.3597, 47.8078, 50.5667



64.5175, 53.0639, 55.1649



54.7210, 62.7906, 85.5800



14.5195, 14.4250, 15.6701



18.9159, 9.7006, 3.1864



1.4338, 0.7312, 0.4251

Previews

White Background



This preview shows how the XYZ color 55.3584, 47.8056, 50.5657 looks on a white background.

Color Contrast Check

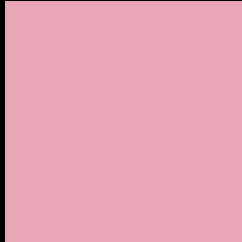
Large Text (above 18pt) WCAG AA × Fail

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 55.3584, 47.8056, 50.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

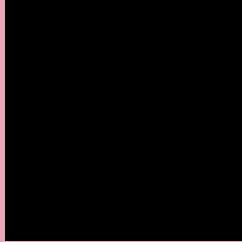
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3584, 47.8056, 50.5657

Background



This preview shows how black text looks on a background with the XYZ color 55.3584, 47.8056, 50.5657.



This preview shows how white text looks on a background with the XYZ color 55.3584, 47.8056, 50.5657.

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

55.3584, 47.8056, 50.5657

Protanopia

46.4555, 47.9870, 56.6831

Deuteranopia

49.0605, 47.9734, 49.8541



Tritanopia

55.0516, 47.6829, 48.9500

Trichromacy



Original Color

55.3584, 47.8056, 50.5657

Protanomaly

49.1564, 47.6317, 54.1800

Deuteranomaly

51.2081, 47.9044, 50.2636

Tritanomaly

55.1531, 47.7235, 49.4847

Monochromacy



Original Color

55.3584, 47.8056, 50.5657

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0860, 49.0251, 53.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3584, 47.8056, 50.5657 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, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 166, 182)  
}
```

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, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 166, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.3584, 47.8056, 50.5657 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, 166, 182) }
```


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

```
.border{ border-color:rgb(232, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 166, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 166, 182); box-shadow:4px 4px 4px 4px rgb(232, 166, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3584, 47.8056, 50.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 166, 182) }
```

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

```
.background{ background-color: rgb(232,  
166, 182) }
```

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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