

Converting Colors

XYZ(45.4920, 47.6186, 64.4971)

Have a look what the booklet for
XYZ(45.4920, 47.6186, 64.4971)
contains.

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Color

**XYZ(45.6155, 47.6874,
64.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB8CD
RGB	174, 184, 205
RGB Percent	68%, 72%, 80%
CMY	0.3176, 0.2784, 0.1961
CMYK	0.15, 0.10, 0.00, 0.20
HSL	221°, 24%, 74%
HSV	221°, 15%, 80%
XYZ	45.6155, 47.6874, 64.5580
YIQ	183.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

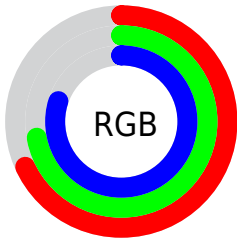
Format	Color
RYB	174, 182, 205
Decimal	11450573
CIELab	74.63, 0.83, -11.77
CIELCh	75, 11.795, 274.043
Yxy	47.6874, 0.2890, 0.3021
Android (android.graphics.Color)	4289640653 (0xFFFAEB8CD)
YUV	183.4040, 10.6468, -8.2473
Hunter-Lab	69.0561, -2.9386, -7.0888

Details

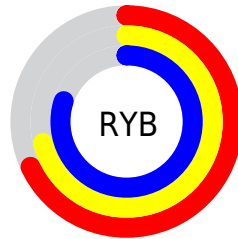
The XYZ color **45.6155, 47.6874, 64.5580** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3323, 55.0653, 47.9159**, and the grayscale version is **45.1810, 47.5340, 51.7645**.

A 20% lighter version of the original color is **81.8432, 86.3632, 106.9639**, and **21.5874, 22.5319, 32.4895** is the 20% darker color. If you saturate the color by 10%, you get **38.6483, 40.0229, 63.4466**, and if you desaturate by 10%, it is **53.5657, 56.2815, 65.7986**.

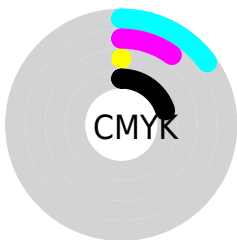
Distribution



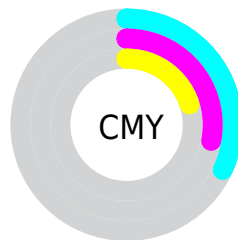
- Red (68%)
- Green (72%)
- Blue (80%)



- Red (68%)
- Yellow (71%)
- Blue (80%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6155, 47.6874, 64.5580 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 45.6155, 47.6874, 64.5580 by changing the saturation by 10% instead.

■ 45.6155, 47.6874,
64.5580

■ 45.6155, 47.6874,
64.5580

360.0026,
377.5517, 459.4646

■ 32.1459, 33.5794,
46.6537

■ 82.8747, 86.7388,
113.0213

■ 21.6290, 22.5707,
32.4096

107.3949,
112.4510, 144.4175

■ 13.6996, 14.2768,
21.4071

136.3293,
142.8000, 181.1479

■ 7.9924, 8.3134,
13.2278

170.0434,
178.1703, 223.6313

■ 4.1418, 4.2962,
7.4530

208.9024,
218.9462, 272.2861

■ 1.7827, 1.8406,
3.6643

253.2717,

■ 0.5072, 0.5123,

265.5121, 327.5309

1.4430

303.5166,
318.2525, 389.7842

■ 0.0000, 0.0000,
0.1749

■ 0.0000, 0.0000,
0.0000

■ 45.6155, 47.6874,
64.5580

■ 45.6155, 47.6874,
64.5580

■ 38.6483, 40.0229,
63.4466

■ 53.5657, 56.2815,
65.7986

■ 32.6203, 33.2496,
62.4569

■ 62.5320, 65.8300,
67.1690

■ 27.4904, 27.3349,
61.5856

■ 72.5510, 76.3643,
68.6743

■ 23.2128, 22.2421,
60.8281

■ 83.2865, 87.7216,
70.3007

■ 19.7375, 17.9313,
60.1792

■ 87.5216, 96.1919,
71.7124

■ 17.0085, 14.3589,
59.6335

■ 88.0196, 97.1878,
71.8784

■ 14.9621, 11.4761,
59.1849

■ 13.5219, 9.2267,
58.8266

■ 12.9762, 8.3211,
58.6806

Harmonies

Analogous

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



43.5520, 47.6874, 63.2295



45.6155, 47.6874, 64.5580



47.6629, 47.6874, 62.2889

Triad

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



45.6155, 47.6874, 64.5580



48.8134, 47.6874, 45.6152



41.7332, 47.6874, 46.9449

Complementary

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



45.6155, 47.6874, 64.5580



52.3323, 55.0653, 47.9159

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.



43.0657, 47.6874, 42.7769



45.6155, 47.6874, 64.5580



47.1464, 47.6874, 42.0525

Square

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



45.6155, 47.6874, 64.5580



49.5455, 47.6874, 51.0989



45.0366, 47.6874, 41.0553



41.3521, 47.6874, 52.7568

Rectangle

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



45.6155, 47.6874, 64.5580



48.7307, 47.6874, 59.1384



45.0366, 47.6874, 41.0553



42.0826, 47.6874, 45.3206

Sweetspot

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



45.6169, 47.6894, 64.5591



87.8204, 92.2746, 107.7899



49.1005, 56.5873, 59.7678



18.5871, 19.5251, 23.0390



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.



45.6169, 47.6894, 64.5591



71.0042, 74.0527, 105.1590



44.7855, 44.2846, 63.9457



10.8924, 11.4252, 14.2016



8.1551, 5.3341, 36.5560



0.4895, 0.4129, 1.9088

Inverse Universe

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



48.9658, 46.7131, 51.7853



77.5073, 72.2869, 80.3245



53.2471, 58.9759, 48.6225



11.3590, 11.2723, 12.4253



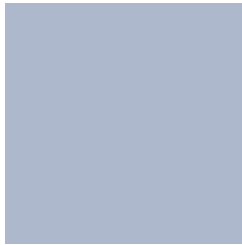
16.3272, 8.3415, 4.1758



0.8770, 0.4442, 0.3984

Previews

White Background



This preview shows how the XYZ color 45.6155, 47.6874, 64.5580 looks on a white background.

Color Contrast Check

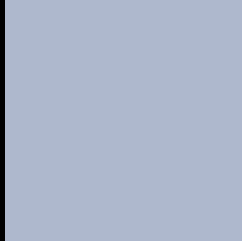
Large Text (above 18pt) WCAG AA × Fail

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 45.6155, 47.6874, 64.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

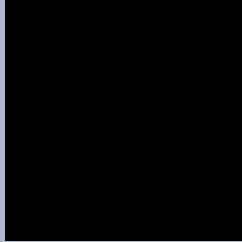
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6155, 47.6874, 64.5580

Background



This preview shows how black text looks on a background with the XYZ color 45.6155, 47.6874, 64.5580.



This preview shows how white text looks on a background with the XYZ color 45.6155, 47.6874,

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

45.6155, 47.6874, 64.5580

Protanopia

46.6831, 47.6393, 63.8616

Deuteranopia

48.7465, 47.7728, 65.0444



Tritanopia

45.0079, 47.7523, 61.4885

Trichromacy



Original Color

45.6155, 47.6874, 64.5580

Protanomaly

46.1927, 47.6916, 63.8975

Deuteranomaly

47.6720, 47.8183, 65.1098

Tritanomaly

45.2432, 47.8464, 62.7278

Monochromacy



Original Color

45.6155, 47.6874, 64.5580

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1598, 47.3319, 56.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6155, 47.6874, 64.5580 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(174, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 205)  
}
```

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(174, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 205) }
```

Border

The CSS property to change the border of an element to XYZ 45.6155, 47.6874, 64.5580 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(174, 184, 205) }
```


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

```
.border{ border-color:rgb(174, 184, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6155, 47.6874, 64.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 205) }
```

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

```
.background{ background-color: rgb(174,  
184, 205) }
```

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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