

Converting Colors

XYZ(42.6562, 46.5295, 47.8072)

Have a look what the booklet for
XYZ(42.6562, 46.5295, 47.8072)
contains.

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Color

**XYZ(42.6562, 46.5295,
47.8072)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB8B0
RGB	175, 184, 176
RGB Percent	69%, 72%, 69%
CMY	0.3137, 0.2784, 0.3098
CMYK	0.05, 0.00, 0.04, 0.28
HSL	127°, 6%, 70%
HSV	127°, 5%, 72%
XYZ	42.6562, 46.5295, 47.8072
YIQ	180.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

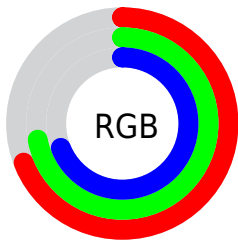
Format	Color
RYB	175, 183, 184
Decimal	11516080
CIELab	73.89, -4.64, 2.97
CIElCh	74, 5.505, 147.372
Yxy	46.5295, 0.3114, 0.3396
Android (android.graphics.Color)	4289706160 (0xFFAFB8B0)
YUV	180.3970, -2.1677, -4.7332
Hunter-Lab	68.2125, -7.7483, 6.1950

Details

The XYZ color **42.6562, 46.5295, 47.8072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6461, 44.2705, 51.0467**, and the grayscale version is **43.6092, 45.8803, 49.9637**.

A 20% lighter version of the original color is **78.6806, 85.1353, 88.6298**, and **19.9228, 21.8988, 22.2456** is the 20% darker color. If you saturate the color by 10%, you get **37.2824, 43.9364, 39.6106**, and if you desaturate by 10%, it is **48.7905, 49.4947, 57.0594**.

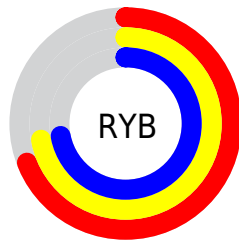
Distribution



Red (69%)

Green (72%)

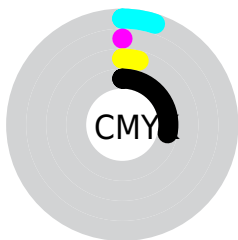
Blue (69%)



Red (69%)

Yellow (72%)

Blue (72%)

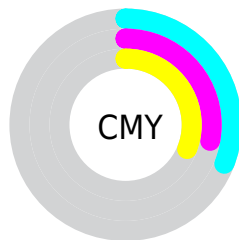


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6562, 46.5295, 47.8072 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 42.6562, 46.5295, 47.8072 by changing the saturation by 10% instead.

■ 42.6562, 46.5295,
47.8072

■ 42.6562, 46.5295,
47.8072

348.1415,
372.9333, 394.5140

■ 29.8088, 32.6639,
33.3153

■ 78.4507, 85.0109,
88.2798

■ 19.8409, 21.8691,
22.0950

102.1286,
110.3954, 115.0977

■ 12.3870, 13.7607,
13.7278

130.1473,
140.3884, 146.8612

■ 7.0819, 7.9544,
7.7950

162.8723,
175.3742, 183.9891

■ 3.5602, 4.0658,
3.8782

200.6688,
215.7372, 226.8998

■ 1.4564, 1.7104,
1.5587

243.9023,

■ 0.2959, 0.4304,

261.8618, 276.0118

0.2611

292.9381,
314.1323, 331.7437

■ 0.0000, 0.0000,
0.0000

■ 42.6562, 46.5295,
47.8072

■ 42.6562, 46.5295,
47.8072

■ 37.2824, 43.9364,
39.6106

■ 48.7905, 49.4947,
57.0594

■ 32.6356, 41.6950,
32.4290

■ 55.7091, 52.8397,
67.3995

■ 28.6857, 39.7920,
26.2240

■ 63.4400, 56.5794,
78.8626

■ 25.3989, 38.2109,
20.9532

■ 72.0082, 60.7261,
91.4809

■ 22.7388, 36.9338,
16.5715

■ 76.4314, 62.7627,
102.6938

■ 20.6651, 35.9410,
13.0298

■ 19.1330, 35.2106,
10.2744

■ 18.0913, 34.7174,
8.2452

■ 17.4782, 34.4310,
6.8736

Harmonies

Analogous

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



43.3638, 46.5295, 46.0180



42.6562, 46.5295, 47.8072



42.3684, 46.5295, 50.4156

Triad

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



42.6562, 46.5295, 47.8072



44.1385, 46.5295, 56.2495



45.9201, 46.5295, 48.2208

Complementary

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



42.6562, 46.5295, 47.8072



43.6461, 44.2705, 51.0467

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.



46.1349, 46.5295, 50.9106



42.6562, 46.5295, 47.8072



45.0973, 46.5295, 55.6099

Square

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



42.6562, 46.5295, 47.8072



43.2163, 46.5295, 55.3469



45.8316, 46.5295, 53.6297



45.2491, 46.5295, 46.2506

Rectangle

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



42.6562, 46.5295, 47.8072



42.4501, 46.5295, 52.2918



45.8316, 46.5295, 53.6297



46.0485, 46.5295, 49.0678

Sweetspot

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



42.6575, 46.5315, 47.8082



81.4675, 86.3482, 92.9306



44.4325, 47.4579, 47.3767



17.5753, 18.6210, 20.0529



88.6918, 93.3107, 101.6153



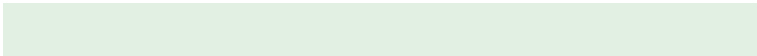
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.6575, 46.5315, 47.8082



76.0759, 83.7438, 84.7664



43.1002, 46.7086, 50.1397



9.2735, 10.2418, 10.3108



11.9164, 23.6675, 4.4820



0.4335, 0.8397, 0.2287

Inverse Universe

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



43.6461, 44.2705, 51.0467



78.2924, 78.6744, 92.0272



43.1950, 44.0900, 48.6710



9.5638, 9.5779, 11.2617



18.2306, 8.8660, 24.8990



0.6550, 0.3175, 0.9428

Previews

White Background



This preview shows how the XYZ color 42.6562, 46.5295, 47.8072 looks on a white background.

Color Contrast Check

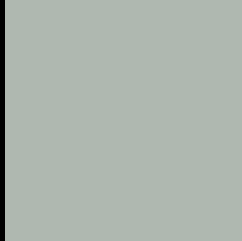
Large Text (above 18pt) WCAG AA × Fail

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 42.6562, 46.5295, 47.8072 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

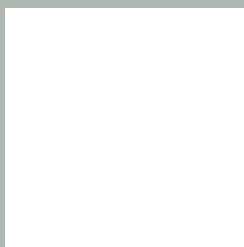
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6562, 46.5295, 47.8072

Background



This preview shows how black text looks on a background with the XYZ color 42.6562, 46.5295, 47.8072.



This preview shows how white text looks on a background with the XYZ color 42.6562, 46.5295,

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

42.6562, 46.5295, 47.8072

Protanopia

44.4136, 46.5428, 46.6872

Deuteranopia

47.1853, 46.1537, 48.5411



Tritanopia

44.7343, 46.4529, 58.2383

Trichromacy



Original Color

42.6562, 46.5295, 47.8072

Protanomaly

43.7572, 46.4961, 47.2258

Deuteranomaly

45.3421, 46.0915, 48.1017

Tritanomaly

43.9365, 46.4338, 54.2239

Monochromacy



Original Color

42.6562, 46.5295, 47.8072

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.0207, 45.7674, 49.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6562, 46.5295, 47.8072 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(175, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 176)  
}
```

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(175, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.6562, 46.5295, 47.8072 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(175, 184, 176) }
```


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

```
.border{ border-color:rgb(175, 184, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6562, 46.5295, 47.8072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 176) }
```

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

```
.background{ background-color: rgb(175,  
184, 176) }
```

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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