

Converting Colors

XYZ(44.4629, 48.5185, 56.4573)

Have a look what the booklet for
XYZ(44.4629, 48.5185, 56.4573)
contains.

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Color

**XYZ(44.4004, 48.4987,
56.3112)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBCBF
RGB	172, 188, 191
RGB Percent	67%, 74%, 75%
CMY	0.3255, 0.2627, 0.2510
CMYK	0.10, 0.02, 0.00, 0.25
HSL	189°, 13%, 71%
HSV	189°, 10%, 75%
XYZ	44.4004, 48.4987, 56.3112
YIQ	183.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

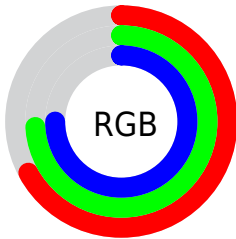
Format	Color
R _Y B	172, 181, 191
Decimal	11320511
CIE Lab	75.14, -4.88, -3.40
CIE LCh	75, 5.947, 214.887
Yxy	48.4987, 0.2976, 0.3250
Android (android.graphics.Color)	4289510591 (0xFFACBCBF)
YUV	183.5580, 3.6689, -10.1364
Hunter-Lab	69.6410, -8.0671, 0.8073

Details

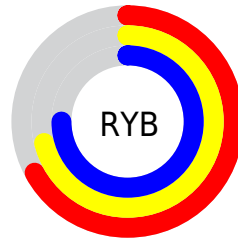
The XYZ color **44.4004, 48.4987, 56.3112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2623, 44.7144, 45.3283**, and the grayscale version is **45.3020, 47.6612, 51.9031**.

A 20% lighter version of the original color is **80.8177, 87.7477, 100.6731**, and **20.9971, 23.1560, 27.4076** is the 20% darker color. If you saturate the color by 10%, you get **39.8695, 45.2188, 55.9177**, and if you desaturate by 10%, it is **49.5500, 52.1202, 56.7396**.

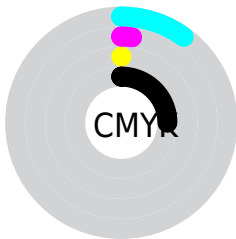
Distribution



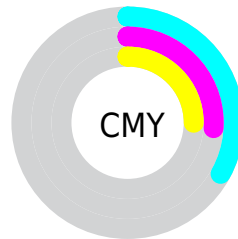
- Red (67%)
- Green (74%)
- Blue (75%)



- Red (67%)
- Yellow (71%)
- Blue (75%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4004, 48.4987, 56.3112 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 44.4004, 48.4987, 56.3112 by changing the saturation by 10% instead.

■ 44.4004, 48.4987,
56.3112

■ 44.4004, 48.4987,
56.3112

355.1644,
380.7655, 428.2845

■ 31.1847, 34.2220,
40.0468

■ 81.0625, 87.9465,
100.9498

■ 20.8920, 23.0642,
27.2610

105.2396,
113.8863, 130.1610

■ 13.1571, 14.6409,
17.5352

133.8013,
144.4826, 164.5250

■ 7.6146, 8.5678,
10.4508

167.1127,
180.1198, 204.4602

■ 3.8990, 4.4603,
5.5894

205.5394,
221.1823, 250.3853

■ 1.6452, 1.9343,
2.5323

249.4467,

■ 0.4216, 0.5689,

268.0545, 302.7186

0.8572

299.1999,
321.1207, 361.8788

■ 0.0000, 0.0000,
0.0000

■ 44.4004, 48.4987,
56.3112

■ 44.4004, 48.4987,
56.3112

■ 39.8695, 45.2188,
55.9177

■ 49.5500, 52.1202,
56.7396

■ 35.9276, 42.2609,
55.5545

■ 55.3383, 56.0897,
57.2007

■ 32.5484, 39.6129,
55.2215

■ 61.7895, 60.4211,
57.6967

■ 29.7023, 37.2593,
54.9172

■ 68.9252, 65.1257,
58.2287

■ 27.3567, 35.1832,
54.6401

■ 72.0161, 67.7656,
58.5753

■ 25.4756, 33.3658,
54.3885

■ 72.7348, 69.2031,
58.8149

■ 24.0178, 31.7859,
54.1603

■ 73.4675, 70.6684,
59.0591

■ 22.9346, 30.4182,
53.9534

■ 74.2141, 72.1616,
59.3080

■ 22.1310, 29.2136,
53.7633

■ 74.9748, 73.6830,
59.5616

Harmonies

Analogous

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



44.0418, 48.4987, 53.3193



44.4004, 48.4987, 56.3112



45.2137, 48.4987, 58.4244

Triad

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



44.4004, 48.4987, 56.3112



48.0184, 48.4987, 55.3927



45.9184, 48.4987, 47.0550

Complementary

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



44.4004, 48.4987, 56.3112



44.2623, 44.7144, 45.3283

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.



46.9908, 48.4987, 47.5614



44.4004, 48.4987, 56.3112



48.2143, 48.4987, 52.2976

Square

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



44.4004, 48.4987, 56.3112



47.3045, 48.4987, 57.8796



47.8354, 48.4987, 49.4510



44.9094, 48.4987, 48.0395

Rectangle

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



44.4004, 48.4987, 56.3112



45.9102, 48.4987, 59.0071



47.8354, 48.4987, 49.4510



46.2834, 48.4987, 47.0569

Sweetspot

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



44.4018, 48.5007, 56.3123



85.7642, 91.2708, 101.3759



43.3679, 49.1223, 47.6767



18.6655, 19.9249, 22.2474



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



44.4018, 48.5007, 56.3123



77.6082, 85.4941, 100.6907



42.4680, 44.6330, 55.6677



9.6770, 10.5462, 12.1978



14.5900, 19.2916, 35.3476



0.6065, 0.8256, 1.3963

Inverse Universe

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



45.3165, 44.2131, 53.7249



79.5943, 76.2597, 95.0560



46.1462, 48.4822, 45.9562



9.8635, 9.6697, 11.6704



18.3651, 8.9772, 23.0140



0.7370, 0.3587, 0.9944

Previews

White Background



This preview shows how the XYZ color 44.4004, 48.4987, 56.3112 looks on a white background.

Color Contrast Check

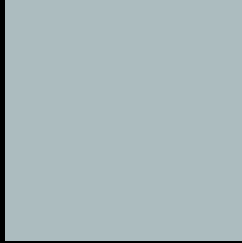
Large Text (above 18pt) WCAG AA × Fail

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 44.4004, 48.4987, 56.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

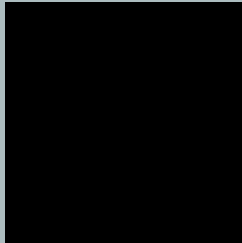
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

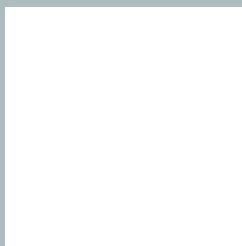
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4004, 48.4987, 56.3112

Background



This preview shows how black text looks on a background with the XYZ color 44.4004, 48.4987, 56.3112.



This preview shows how white text looks on a background with the XYZ color 44.4004, 48.4987,

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

44.4004, 48.4987, 56.3112

Protanopia

46.8193, 48.5199, 55.0417

Deuteranopia

49.2989, 48.2326, 57.1636



Tritanopia

45.5571, 48.3335, 62.1865

Trichromacy



Original Color

44.4004, 48.4987, 56.3112

Protanomaly

45.9346, 48.3607, 55.6287

Deuteranomaly

47.2286, 48.0805, 56.6604

Tritanomaly

45.0819, 48.4561, 59.8002

Monochromacy



Original Color

44.4004, 48.4987, 56.3112

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.1410, 47.9891, 53.8973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4004, 48.4987, 56.3112 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(172, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 191)  
}
```

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(172, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.4004, 48.4987, 56.3112 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(172, 188, 191) }
```


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

```
.border{ border-color:rgb(172, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4004, 48.4987, 56.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 191) }
```

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

```
.background{ background-color: rgb(172,  
188, 191) }
```

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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