

Converting Colors

XYZ(44.7360, 48.7833, 54.5177)

Have a look what the booklet for
XYZ(44.7360, 48.7833, 54.5177)
contains.

XYZ(44.7395, 48.7112, 54.6211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.7395, 48.7112,
54.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBCBC
RGB	175, 188, 188
RGB Percent	69%, 74%, 74%
CMY	0.3137, 0.2627, 0.2627
CMYK	0.07, 0.00, 0.00, 0.26
HSL	180°, 9%, 71%
HSV	180°, 7%, 74%
XYZ	44.7395, 48.7112, 54.6211
YIQ	184.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

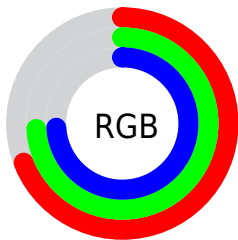
Format	Color
R_{YB}	175, 182, 188
Decimal	11517116
CIE Lab	75.27, -4.47, -1.55
CIE LCh	75, 4.728, 199.141
Yxy	48.7112, 0.3021, 0.3290
Android (android.graphics.Color)	4289707196 (0xFFAFBCBC)
YUV	184.1130, 1.9163, -7.9921
Hunter-Lab	69.7934, -7.7150, 2.4544

Details

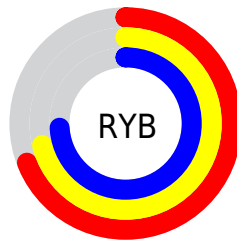
The XYZ color **44.7395, 48.7112, 54.6211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8086, 44.4478, 46.8300**, and the grayscale version is **45.6163, 47.9919, 52.2632**.

A 20% lighter version of the original color is **81.6348, 88.2219, 98.3139**, and **21.2055, 23.2882, 26.2991** is the 20% darker color. If you saturate the color by 10%, you get **40.8102, 46.6869, 54.4359**, and if you desaturate by 10%, it is **49.2591, 51.0424, 54.8360**.

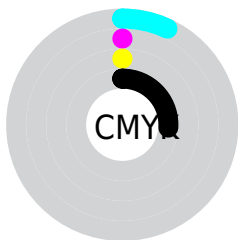
Distribution



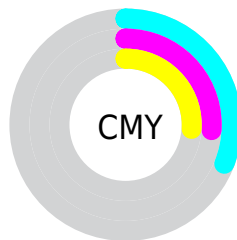
- Red (69%)
- Green (74%)
- Blue (74%)



- Red (69%)
- Yellow (71%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7395, 48.7112, 54.6211 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 44.7395, 48.7112, 54.6211 by changing the saturation by 10% instead.

■ 44.7395, 48.7112,
54.6211

■ 44.7395, 48.7112,
54.6211

356.5190,
381.6043, 421.7154

■ 31.4527, 34.3904,
38.7019

■ 81.5688, 88.2624,
98.4512

■ 21.0973, 23.1937,
26.2219

105.8421,
114.2616, 127.1991

■ 13.3080, 14.7366,
16.7624

134.5082,
144.9224, 161.0604

■ 7.7195, 8.6347,
9.9051

167.9325,
180.6292, 200.4535

■ 3.9662, 4.5037,
5.2313

206.4804,
221.7664, 245.7970

■ 1.6831, 1.9591,
2.3225

250.5172,

■ 0.4456, 0.5836,

268.7184, 297.5095

0.7438

300.4083,
321.8695, 356.0095

■ 0.0000, 0.0000,
0.0000

■ 44.7395, 48.7112,
54.6211

■ 44.7395, 48.7112,
54.6211

■ 40.8102, 46.6869,
54.4359

■ 49.2591, 51.0424,
54.8360

■ 37.4428, 44.9511,
54.2759

■ 54.3876, 53.6862,
55.0784

■ 34.6130, 43.4923,
54.1411

■ 60.1479, 56.6557,
55.3503

■ 32.2930, 42.2963,
54.0302

■ 66.5604, 59.9614,
55.6528

■ 30.4524, 41.3475,
53.9417

■ 68.3036, 60.8600,
55.7367

■ 29.0577, 40.6286,
53.8740

■ 68.3041, 60.8602,
55.7391

■ 28.0712, 40.1201,
53.8255

■ 68.3045, 60.8604,
55.7415

■ 27.4488, 39.7993,
53.7940

■ 68.3050, 60.8606,
55.7439

■ 27.1298, 39.6349,
53.7767

■ 68.3054, 60.8608,
55.7462

Harmonies

Analogous

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



44.6786, 48.7112, 52.1427



44.7395, 48.7112, 54.6211



45.2151, 48.7112, 56.7364

Triad

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



44.7395, 48.7112, 54.6211



47.5724, 48.7112, 56.2274



46.6137, 48.7112, 48.4807

Complementary

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



44.7395, 48.7112, 54.6211



43.8086, 44.4478, 46.8300

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.



47.3991, 48.7112, 49.5043



44.7395, 48.7112, 54.6211



47.9572, 48.7112, 53.9439

Square

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



44.7395, 48.7112, 54.6211



46.8480, 48.7112, 57.6836



47.8934, 48.7112, 51.4862



45.7534, 48.7112, 48.6491

Rectangle

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



44.7395, 48.7112, 54.6211



45.7067, 48.7112, 57.6318



47.8934, 48.7112, 51.4862



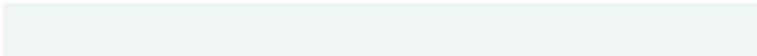
46.8954, 48.7112, 48.6955

Sweetspot

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



44.7409, 48.7133, 54.6222



84.9453, 90.2726, 99.1726



43.4504, 48.2027, 47.5722



18.2855, 19.4222, 21.3275



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.7409, 48.7133, 54.6222



80.1609, 87.8063, 98.9461



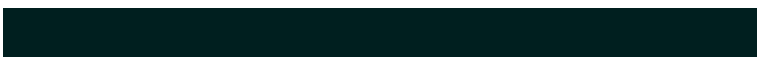
43.4277, 46.0863, 54.1860



9.8085, 10.8095, 12.2412



18.4211, 26.9587, 36.6096



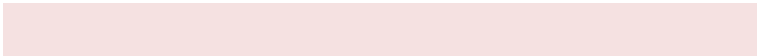
0.7216, 1.0560, 1.4342

Inverse Universe

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



43.8086, 44.4478, 46.8300



78.1908, 78.7921, 82.4792



45.0602, 46.9513, 47.2458



9.5303, 9.5364, 9.9155



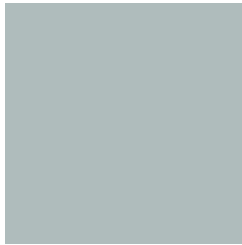
14.1204, 7.2793, 0.6618



0.5531, 0.2851, 0.0261

Previews

White Background



This preview shows how the XYZ color 44.7395, 48.7112, 54.6211 looks on a white background.

Color Contrast Check

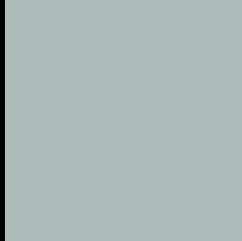
Large Text (above 18pt) WCAG AA × Fail

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 44.7395, 48.7112, 54.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

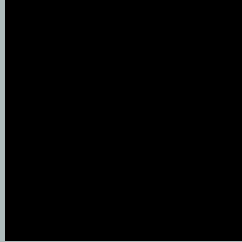
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7395, 48.7112, 54.6211

Background



This preview shows how black text looks on a background with the XYZ color 44.7395, 48.7112, 54.6211.

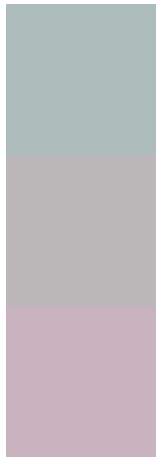


This preview shows how white text looks on a background with the XYZ color 44.7395, 48.7112,

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

44.7395, 48.7112, 54.6211

Protanopia

46.7425, 48.5175, 53.3556

Deuteranopia

49.5018, 48.3754, 55.4436



Tritanopia

46.2330, 48.6820, 62.2182

Trichromacy



Original Color

44.7395, 48.7112, 54.6211

Protanomaly

45.8470, 48.3531, 53.9304

Deuteranomaly

47.6515, 48.3365, 54.9625

Tritanomaly

45.6386, 48.7563, 59.2300

Monochromacy



Original Color

44.7395, 48.7112, 54.6211

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.1620, 48.0245, 52.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7395, 48.7112, 54.6211 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, 188, 188) looks like.

```
.text, #text, p{  
    color:rgb(175, 188, 188)  
}
```

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, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 44.7395, 48.7112, 54.6211 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, 188, 188) }
```


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

```
.border{ border-color:rgb(175, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(175, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7395, 48.7112, 54.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 188, 188) }
```

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

```
.background{ background-color: rgb(175,  
188, 188) }
```

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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