

Converting Colors

XYZ(42.7652, 45.6929, 54.7113)

Have a look what the booklet for
XYZ(42.7652, 45.6929, 54.7113)
contains.

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Color

**XYZ(42.9265, 45.9007,
54.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB6BD
RGB	172, 182, 189
RGB Percent	67%, 71%, 74%
CMY	0.3255, 0.2863, 0.2588
CMYK	0.09, 0.04, 0.00, 0.26
HSL	205°, 11%, 71%
HSV	205°, 9%, 74%
XYZ	42.9265, 45.9007, 54.7414
YIQ	179.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

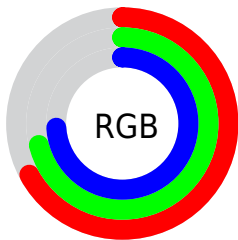
Format	Color
R _Y B	172, 178, 189
Decimal	11318973
CIE Lab	73.48, -2.08, -4.75
CIE LCh	73, 5.187, 246.405
Yxy	45.9007, 0.2990, 0.3197
Android (android.graphics.Color)	4289509053 (0xFFACB6BD)
YUV	179.8080, 4.5317, -6.8476
Hunter-Lab	67.7501, -5.4648, -0.4807

Details

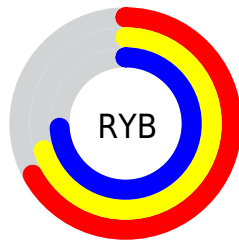
The XYZ color **42.9265, 45.9007, 54.7414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5529, 46.0372, 45.5683**, and the grayscale version is **43.2602, 45.5131, 49.5638**.

A 20% lighter version of the original color is **78.7345, 84.0725, 98.4641**, and **20.0399, 21.4712, 26.3807** is the 20% darker color. If you saturate the color by 10%, you get **37.5210, 40.8155, 54.0455**, and if you desaturate by 10%, it is **49.0131, 51.4709, 55.4965**.

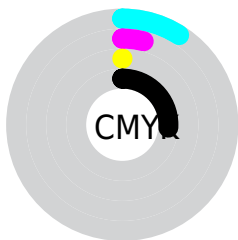
Distribution



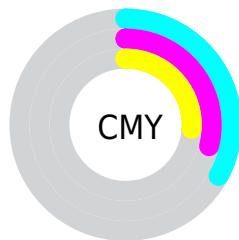
- Red (67%)
- Green (71%)
- Blue (74%)



- Red (67%)
- Yellow (70%)
- Blue (74%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9265, 45.9007, 54.7414 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 42.9265, 45.9007, 54.7414 by changing the saturation by 10% instead.

■ 42.9265, 45.9007,
54.7414

■ 42.9265, 45.9007,
54.7414

349.2361,
370.4093, 422.1852

■ 30.0217, 32.1675,
38.7975

■ 78.8563, 84.0704,
98.6293

■ 20.0032, 21.4894,
26.2956

102.6121,
109.2756, 127.4104

■ 12.5057, 13.4822,
16.8172

130.7156,
139.0736, 161.3077

■ 7.1637, 7.7615,
9.9437

163.5321,
173.8488, 200.7396

■ 3.6119, 3.9427,
5.2565

201.4271,
213.9856, 246.1248

■ 1.4850, 1.6416,
2.3372

244.7658,

■ 0.3156, 0.3854,

259.8683, 297.8818

0.7519

293.9137,
311.8814, 356.4291

■ 0.0000, 0.0000,
0.0000

■ 42.9265, 45.9007,
54.7414

■ 42.9265, 45.9007,
54.7414

■ 37.5210, 40.8155,
54.0455

■ 49.0131, 51.4709,
55.4965

■ 32.7665, 36.1939,
53.4040

■ 55.8016, 57.5352,
56.3092

■ 28.6362, 32.0213,
52.8163

■ 63.3166, 64.1095,
57.1821

■ 25.1001, 28.2798,
52.2805

■ 71.5805, 71.2073,
58.1165

■ 22.1253, 24.9504,
51.7946

■ 76.2555, 76.5944,
58.9099

■ 19.6755, 22.0118,
51.3566

■ 78.3561, 80.7955,
59.6101

■ 17.7095, 19.4405,
50.9639

■ 80.5531, 85.1894,
60.3425

■ 16.1794, 17.2093,
50.6138

■ 82.8477, 89.7786,
61.1073

■ 15.0025, 15.2730,
50.3021

■ 85.2411, 94.5655,
61.9051

Harmonies

Analogous

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



42.2259, 45.9007, 53.0299



42.9265, 45.9007, 54.7414



43.8239, 45.9007, 55.1568

Triad

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



42.9265, 45.9007, 54.7414



45.3999, 45.9007, 49.4178



42.5909, 45.9007, 46.0297

Complementary

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



42.9265, 45.9007, 54.7414



44.5529, 46.0372, 45.5683

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.



43.4312, 45.9007, 45.1341



42.9265, 45.9007, 54.7414



45.0593, 45.9007, 47.0456

Square

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



42.9265, 45.9007, 54.7414



45.2602, 45.9007, 52.0230



44.3356, 45.9007, 45.4994



42.0340, 45.9007, 47.9874

Rectangle

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



42.9265, 45.9007, 54.7414



44.4147, 45.9007, 54.6304



44.3356, 45.9007, 45.4994



42.8491, 45.9007, 45.5976

Sweetspot

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



42.9278, 45.9026, 54.7424



83.2143, 88.0352, 98.8328



43.3280, 48.4132, 49.6036



17.7046, 18.7577, 21.2300



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.



42.9278, 45.9026, 54.7424



74.6683, 80.1505, 97.7614



41.2774, 42.6018, 54.1923



9.4704, 10.1331, 12.1289



10.0969, 10.3055, 33.8499



0.4585, 0.5296, 1.3469

Inverse Universe

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



44.1833, 43.7021, 50.3649



77.4353, 75.3772, 88.0966



46.2674, 49.4662, 46.1398



9.7593, 9.6280, 11.1213



16.0972, 8.0700, 11.0715



0.6623, 0.3288, 0.6011

Previews

White Background



This preview shows how the XYZ color 42.9265, 45.9007, 54.7414 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 42.9265, 45.9007, 54.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

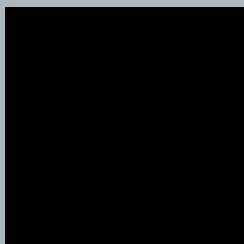
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

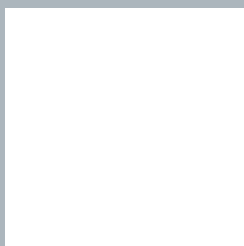
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9265, 45.9007, 54.7414

Background



This preview shows how black text looks on a background with the XYZ color 42.9265, 45.9007, 54.7414.



This preview shows how white text looks on a background with the XYZ color 42.9265, 45.9007,

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

42.9265, 45.9007, 54.7414

Protanopia

44.1458, 45.6518, 53.4987

Deuteranopia

46.6166, 45.7151, 55.0821



Tritanopia

43.6078, 45.8721, 58.1856

Trichromacy



Original Color

42.9265, 45.9007, 54.7414

Protanomaly

43.7585, 45.7383, 54.0990

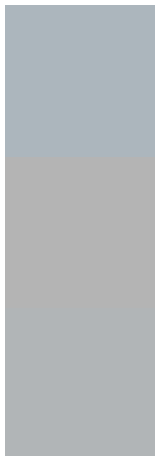
Deuteranomaly

45.2222, 45.8728, 55.1861

Tritanomaly

43.3831, 45.7822, 57.0024

Monochromacy



Original Color

42.9265, 45.9007, 54.7414

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2026, 45.8138, 51.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9265, 45.9007, 54.7414 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, 182, 189)` looks like.

```
.text, #text, p{  
    color:rgb(172, 182, 189)  
}
```

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, 182, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 182, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.9265, 45.9007, 54.7414 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, 182, 189) }
```


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

```
.border{ border-color:rgb(172, 182, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 182, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 182, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 182, 189);  
box-shadow:4px 4px 4px 4px rgb(172, 182,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9265, 45.9007, 54.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 182, 189) }
```

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

```
.background{ background-color: rgb(172,  
182, 189) }
```

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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