

Converting Colors

XYZ(41.1588, 45.5720, 49.0915)

Have a look what the booklet for
XYZ(41.1588, 45.5720, 49.0915)
contains.

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Color

**XYZ(41.2135, 45.7511,
49.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B8B3
RGB	167, 184, 179
RGB Percent	65%, 72%, 70%
CMY	0.3451, 0.2784, 0.2980
CMYK	0.09, 0.00, 0.03, 0.28
HSL	162°, 11%, 69%
HSV	162°, 9%, 72%
XYZ	41.2135, 45.7511, 49.3065
YIQ	178.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

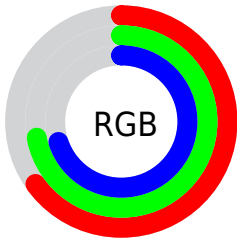
Format	Color
RYB	167, 177, 184
Decimal	10991795
CIELab	73.38, -6.83, 0.53
CIELCh	73, 6.849, 175.593
Yxy	45.7511, 0.3024, 0.3357
Android (android.graphics.Color)	4289181875 (0xFFA7B8B3)
YUV	178.3470, 0.3219, -9.9513
Hunter-Lab	67.6396, -9.6073, 4.1277

Details

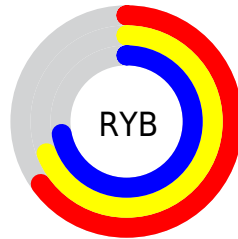
The XYZ color **41.2135, 45.7511, 49.3065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.0339, 40.8075, 44.7457**, and the grayscale version is **42.5033, 44.7168, 48.6966**.

A 20% lighter version of the original color is **76.2797, 83.8479, 90.7612**, and **18.9524, 21.3838, 22.8672** is the 20% darker color. If you saturate the color by 10%, you get **37.0629, 43.6747, 46.3105**, and if you desaturate by 10%, it is **45.9413, 48.1251, 52.4437**.

Distribution



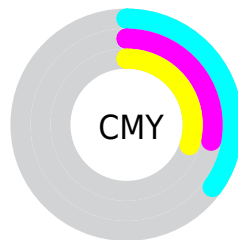
- Red (65%)
- Green (72%)
- Blue (70%)



- Red (65%)
- Yellow (69%)
- Blue (72%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (35%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2135, 45.7511, 49.3065 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 41.2135, 45.7511, 49.3065 by changing the saturation by 10% instead.

■ 41.2135, 45.7511,
49.3065

■ 41.2135, 45.7511,
49.3065

342.2595,
369.8071, 400.6048

■ 28.6744, 32.0495,
34.4954

■ 76.2805, 83.8464,
90.5322

■ 18.9777, 21.3993,
22.9940

■ 99.5392, 109.0088,
117.7838

■ 11.7580, 13.4162,
14.3838

127.1016,
138.7603, 150.0194

■ 6.6502, 7.7157,
8.2463

159.3333,
173.4852, 187.6574

■ 3.2887, 3.9136,
4.1629

196.5996,
213.5679, 231.1164

■ 1.3082, 1.6254,
1.7151

239.2658,

■ 0.1893, 0.3746,

259.3929, 280.8149

0.3711

287.6974,
311.3445, 337.1716

■ 0.0000, 0.0000,
0.0000

■ 41.2135, 45.7511,
49.3065

■ 41.2135, 45.7511,
49.3065

■ 37.0629, 43.6747,
46.3105

■ 45.9413, 48.1251,
52.4437

■ 33.4621, 41.8780,
43.4502

■ 51.2646, 50.8023,
55.7213

■ 30.3873, 40.3500,
40.7242

■ 57.2055, 53.7954,
59.1426

■ 27.8115, 39.0769,
38.1300

■ 63.7839, 57.1146,
62.7096

■ 25.7048, 38.0433,
35.6647

■ 69.5306, 60.0024,
66.3548

■ 24.0346, 37.2322,
33.3255

■ 70.2001, 60.2702,
69.8807

■ 22.7634, 36.6247,
31.1093

■ 70.8926, 60.5472,
73.5271

■ 21.8476, 36.1980,
29.0125

■ 71.6082, 60.8334,
77.2953

■ 21.2066, 35.9108,
27.0300

■ 72.3470, 61.1289,
81.1862

Harmonies

Analogous

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



41.5996, 45.7511, 46.1555



41.2135, 45.7511, 49.3065



41.4268, 45.7511, 52.7397

Triad

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



41.2135, 45.7511, 49.3065



44.4946, 45.7511, 56.0487



44.8087, 45.7511, 44.5338

Complementary

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



41.2135, 45.7511, 49.3065



41.0339, 40.8075, 44.7457

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.



45.6104, 45.7511, 47.0008



41.2135, 45.7511, 49.3065



45.4266, 45.7511, 53.6634

Square

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



41.2135, 45.7511, 49.3065



43.3071, 45.7511, 56.7352



45.8386, 45.7511, 50.3273



43.6635, 45.7511, 43.4821

Rectangle

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



41.2135, 45.7511, 49.3065



41.8823, 45.7511, 54.7122



45.8386, 45.7511, 50.3273



45.1282, 45.7511, 45.2194

Sweetspot

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



41.2148, 45.7530, 49.3075



79.8876, 85.5334, 92.8681



41.1522, 45.8550, 43.2418



17.0722, 18.3640, 19.9216



88.6918, 93.3107, 101.6153



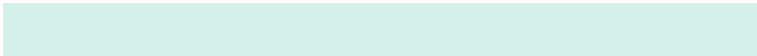
17.8044, 18.7317, 20.3988

Same Dimension

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



41.2148, 45.7530, 49.3075



73.1664, 82.1626, 88.3034



41.0322, 44.5632, 51.7886



9.1510, 10.1644, 10.9526



14.6157, 24.7472, 18.6962



0.5409, 0.8827, 0.7942

Inverse Universe

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



41.0339, 40.8075, 44.7457



72.7748, 71.4543, 78.4266



41.1935, 41.8813, 42.4727



9.1104, 9.0545, 9.9289



14.1119, 7.2185, 3.2103



0.5255, 0.2657, 0.2606

Previews

White Background



This preview shows how the XYZ color 41.2135, 45.7511, 49.3065 looks on a white background.

Color Contrast Check

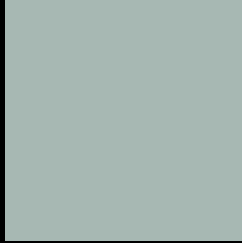
Large Text (above 18pt) WCAG AA × Fail

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 41.2135, 45.7511, 49.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

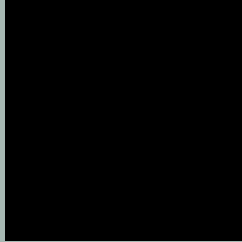
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

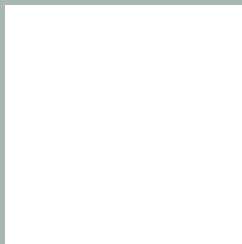
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2135, 45.7511, 49.3065

Background



This preview shows how black text looks on a background with the XYZ color 41.2135, 45.7511, 49.3065.



This preview shows how white text looks on a background with the XYZ color 41.2135, 45.7511,

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

41.2135, 45.7511, 49.3065

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

46.5025, 45.4786, 50.0434



Tritanopia

43.0652, 45.5793, 58.7525

Trichromacy



Original Color

41.2135, 45.7511, 49.3065

Protanomaly

42.8198, 45.6870, 48.1566

Deuteranomaly

44.4083, 45.5752, 49.6363

Tritanomaly

42.3844, 45.6086, 55.2846

Monochromacy



Original Color

41.2135, 45.7511, 49.3065

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8127, 44.8555, 48.5737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2135, 45.7511, 49.3065 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(167, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 184, 179)  
}
```

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(167, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 184, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.2135, 45.7511, 49.3065 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(167, 184, 179) }
```


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

```
.border{ border-color:rgb(167, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 184,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2135, 45.7511, 49.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 184, 179) }
```

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

```
.background{ background-color: rgb(167,  
184, 179) }
```

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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