

Converting Colors

XYZ(41.2829, 45.1319, 48.2501)

Have a look what the booklet for
XYZ(41.2829, 45.1319, 48.2501)
contains.

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Color

**XYZ(41.2413, 45.1763,
48.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB6B1
RGB	170, 182, 177
RGB Percent	67%, 71%, 69%
CMY	0.3333, 0.2863, 0.3059
CMYK	0.07, 0.00, 0.03, 0.29
HSL	155°, 8%, 69%
HSV	155°, 7%, 71%
XYZ	41.2413, 45.1763, 48.1412
YIQ	177.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

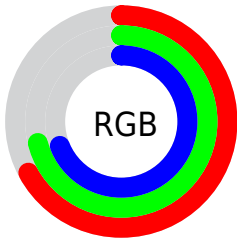
Format	Color
RYB	170, 178, 182
Decimal	11187889
CIELab	73.01, -5.12, 1.10
CIElCh	73, 5.240, 167.906
Yxy	45.1763, 0.3065, 0.3357
Android (android.graphics.Color)	4289377969 (0xFFAAB6B1)
YUV	177.8420, -0.4151, -6.8774
Hunter-Lab	67.2133, -8.0978, 4.5832

Details

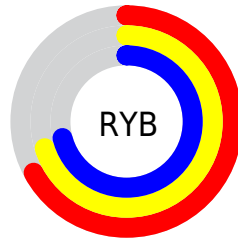
The XYZ color **41.2413, 45.1763, 48.1412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4056, 41.7908, 46.4437**, and the grayscale version is **42.2387, 44.4384, 48.3934**.

A 20% lighter version of the original color is **76.3339, 83.0398, 89.0959**, and **18.9596, 21.0073, 22.1243** is the 20% darker color. If you saturate the color by 10%, you get **36.8409, 42.9940, 44.0978**, and if you desaturate by 10%, it is **46.2310, 47.6600, 52.4336**.

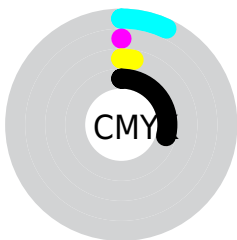
Distribution



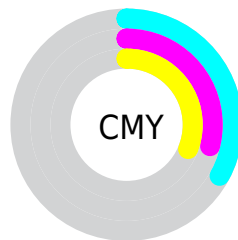
- Red (67%)
- Green (71%)
- Blue (69%)



- Red (67%)
- Yellow (70%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2413, 45.1763, 48.1412 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 41.2413, 45.1763, 48.1412 by changing the saturation by 10% instead.

■ 41.2413, 45.1763,
48.1412

■ 41.2413, 45.1763,
48.1412

342.3735,
367.4871, 395.8764

■ 28.6962, 31.5963,
33.5779

■ 76.3225, 82.9849,
88.7823

■ 18.9942, 21.0533,
22.2948

99.5892, 107.9823,
115.6973

■ 11.7701, 13.1630,
13.8733

127.1605,
137.5543, 147.5665

■ 6.6584, 7.5409,
7.8949

159.4018,
172.0853, 184.8087

■ 3.2938, 3.8026,
3.9409

196.6784,
211.9597, 227.8422

■ 1.3110, 1.5638,
1.5930

239.3556,

■ 0.1914, 0.3330,

257.5619, 277.0856

0.2858

287.7989,
309.2762, 332.9575

■ 0.0000, 0.0000,
0.0000

■ 41.2413, 45.1763,
48.1412

■ 41.2413, 45.1763,
48.1412

■ 36.8409, 42.9940,
44.0978

■ 46.2310, 47.6600,
52.4336

■ 33.0031, 41.0958,
40.2956

■ 51.8278, 50.4506,
56.9763

■ 29.7048, 39.4709,
36.7311

■ 58.0536, 53.5603,
61.7748

■ 26.9194, 38.1059,
33.3992

■ 64.9278, 56.9992,
66.8332

■ 24.6186, 36.9860,
30.2947

■ 70.2258, 59.6205,
72.0506

■ 22.7706, 36.0953,
27.4123

■ 71.2232, 60.0194,
77.3028

■ 21.3400, 35.4153,
24.7463

■ 72.2664, 60.4367,
82.7961

■ 20.2856, 34.9250,
22.2905

■ 73.3560, 60.8725,
88.5337

■ 19.5520, 34.5959,
20.0381

■ 74.4925, 61.3271,
94.5186

Harmonies

Analogous

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



41.6464, 45.1763, 45.8884



41.2413, 45.1763, 48.1412



41.2863, 45.1763, 50.7548

Triad

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



41.2413, 45.1763, 48.1412



43.4819, 45.1763, 54.1413



44.1289, 45.1763, 45.5443

Complementary

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



41.2413, 45.1763, 48.1412



41.4056, 41.7908, 46.4437

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.



44.6347, 45.1763, 47.6563



41.2413, 45.1763, 48.1412



44.2575, 45.1763, 52.6448

Square

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



41.2413, 45.1763, 48.1412



42.5712, 45.1763, 54.2824



44.6821, 45.1763, 50.2525



43.3084, 45.1763, 44.4252

Rectangle

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



41.2413, 45.1763, 48.1412



41.5655, 45.1763, 52.3503



44.6821, 45.1763, 50.2525



44.3419, 45.1763, 46.1582

Sweetspot

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



41.2426, 45.1782, 48.1422



78.7590, 83.8874, 90.7693



41.7093, 45.4974, 44.6143



17.4164, 18.5386, 20.0662



88.6918, 93.3107, 101.6153



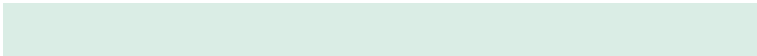
17.8044, 18.7317, 20.3988

Same Dimension

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



41.2426, 45.1782, 48.1422



73.4711, 81.2588, 86.1184



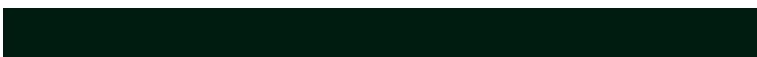
41.5872, 45.0546, 50.7628



9.1040, 10.1456, 10.7053



13.6892, 24.3766, 13.8169



0.5127, 0.8714, 0.6455

Inverse Universe

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



41.4056, 41.7908, 46.4437



73.8320, 73.7612, 82.3592



41.0736, 41.8987, 43.9532



9.1557, 9.0726, 10.1673



14.5727, 7.4028, 5.6368



0.5447, 0.2734, 0.3621

Previews

White Background



This preview shows how the XYZ color 41.2413, 45.1763, 48.1412 looks on a white background.

Color Contrast Check

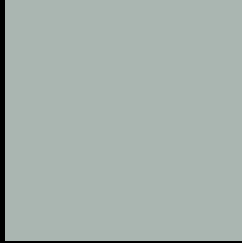
Large Text (above 18pt) WCAG AA × Fail

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 41.2413, 45.1763, 48.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

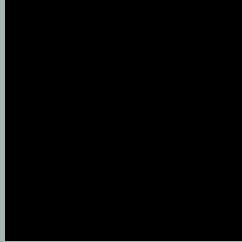
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

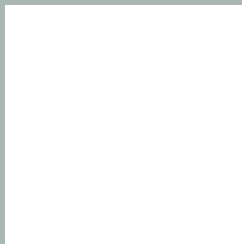
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2413, 45.1763, 48.1412

Background



This preview shows how black text looks on a background with the XYZ color 41.2413, 45.1763, 48.1412.



This preview shows how white text looks on a background with the XYZ color 41.2413, 45.1763,

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

41.2413, 45.1763, 48.1412

Protanopia

43.1867, 45.0032, 46.9677

Deuteranopia

45.8452, 44.8776, 48.8938



Tritanopia

43.0913, 45.0195, 57.4574

Trichromacy



Original Color

41.2413, 45.1763, 48.1412

Protanomaly

42.3167, 44.8398, 47.4989

Deuteranomaly

44.0547, 44.8298, 48.4506

Tritanomaly

42.4116, 45.0440, 54.0360

Monochromacy



Original Color

41.2413, 45.1763, 48.1412

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8352, 44.5685, 48.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2413, 45.1763, 48.1412 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(170, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 177)  
}
```

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(170, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.2413, 45.1763, 48.1412 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(170, 182, 177) }
```


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

```
.border{ border-color:rgb(170, 182, 177) }
```

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

Here you see how a box with a 4 pixel rgb(170, 182, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2413, 45.1763, 48.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 177) }
```

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

```
.background{ background-color: rgb(170,  
182, 177) }
```

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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