

Converting Colors

XYZ(44.0154, 47.9277, 9.4421)

Have a look what the booklet for
XYZ(44.0154, 47.9277, 9.4421)
contains.

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Color

**XYZ(44.1925, 48.1721,
9.4516)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D2B82D |
| RGB | 210, 184, 45 |
| RGB Percent | 82%, 72%, 18% |
| CMY | 0.1765, 0.2784, 0.8235 |
| CMYK | 0.00, 0.12, 0.79, 0.18 |
| HSL | 51°, 65%, 50% |
| HSV | 51°, 79%, 82% |
| XYZ | 44.1925, 48.1721, 9.4516 |
| YIQ | 175.9280, 60.1150, -37.7170 |

Conversions

Conversions Part 2

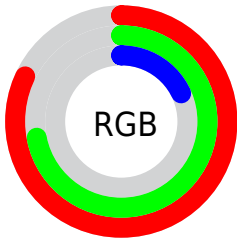
| Format | Color |
|-------------------------------------|---|
| RYB | 76, 210, 45 |
| Decimal | 13809709 |
| CIELab | 74.93, -4.60, 68.23 |
| CIELCh | 75, 68.382, 93.858 |
| Yxy | 48.1721, 0.4340, 0.4731 |
| Android (android.graphics.Color) | 4291999789 (0xFFD2B82D) |
| YUV | 175.9280, -64.5475, 29.8811 |
| Hunter-Lab | 69.4061, -7.8056, 40.5103 |

Details

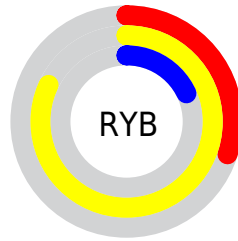
The XYZ color **44.1925, 48.1721, 9.4516** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **14.9684, 9.7175, 62.0591**, and the grayscale version is **41.5346, 43.6976, 47.5867**.

A 20% lighter version of the original color is **74.8483, 84.5594, 25.2086**, and **20.8788, 22.8119, 3.3027** is the 20% darker color. If you saturate the color by 10%, you get **43.2055, 46.6923, 7.5998**, and if you desaturate by 10%, it is **45.3987, 49.7690, 12.3688**.

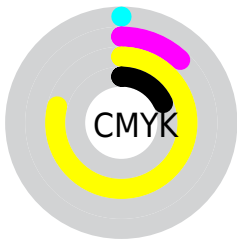
Distribution



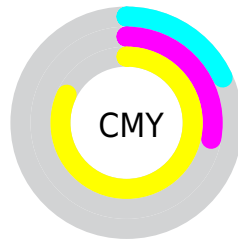
- Red (82%)
- Green (72%)
- Blue (18%)



- Red (30%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (12%)
- Yellow (79%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1925, 48.1721, 9.4516 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 44.1925, 48.1721, 9.4516 by changing the saturation by 10% instead.


 44.1925, 48.1721,
9.4516


 44.1925, 48.1721,
9.4516


354.3322,
379.4739, 197.0524


 31.0204, 33.9632,
4.9361


 80.7519, 87.4606,
25.3503


 20.7663, 22.8653,
2.1517


 104.8699,
113.3090, 37.5705


 13.0648, 14.4941,
0.6463


 133.3673,
143.8059, 53.1960

 7.5505, 8.4651,
0.0000

 166.6094,
179.3359, 72.6454

 3.8580, 4.3940,
0.0000

 204.9616,
220.2833, 96.3372

 1.6221, 1.8963,
0.0000

 248.7892,

 0.4068, 0.5462,

267.0325, 124.6900

0.0000

298.4576,
319.9679, 158.1222

■ 0.0000, 0.0000,
0.0000

■ 44.1925, 48.1721,
9.4516

■ 44.1925, 48.1721,
9.4516

■ 43.2055, 46.6923,
7.5998

■ 45.3987, 49.7690,
12.3688

■ 42.3937, 45.3063,
6.5969

■ 46.8473, 51.4869,
16.4869

■ 42.2836, 45.1124,
6.4790

■ 48.5616, 53.3372,
21.9246

■ 50.5616, 55.3279,
28.7853

■ 52.8650, 57.4664,
37.1624

■ 55.4880, 59.7594,
47.1410

■ 58.4459, 62.2130,
58.8002

■ 61.7526, 64.8330,
72.2137

■ 65.4214, 67.6249,
87.4507

Harmonies

Analogous

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



57.1770, 48.1721, 11.8153



44.1925, 48.1721, 9.4516



33.6905, 48.1721, 13.6088

Triad

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



44.1925, 48.1721, 9.4516



28.6298, 48.1721, 100.7329



70.8440, 48.1721, 88.8730

Complementary

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



44.1925, 48.1721, 9.4516



14.9684, 9.7175, 62.0591

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.



60.4773, 48.1721, 132.5788



44.1925, 48.1721, 9.4516



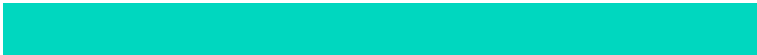
36.0185, 48.1721, 141.3339

Square

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



44.1925, 48.1721, 9.4516



25.7968, 48.1721, 57.2061



47.4176, 48.1721, 155.0483



74.0994, 48.1721, 47.9674

Rectangle

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



44.1925, 48.1721, 9.4516



29.0322, 48.1721, 21.4931



47.4176, 48.1721, 155.0483



67.9932, 48.1721, 104.2344

Sweetspot

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



44.1936, 48.1744, 9.4526



83.7161, 90.6679, 64.0096



28.7030, 16.0533, 7.8034



17.6146, 19.1370, 12.5559



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.1936, 48.1744, 9.4526



66.2023, 71.0433, 10.6867



37.0381, 53.2511, 10.8096



12.6382, 13.4671, 12.5453



25.8535, 27.6400, 3.9724



1.4892, 1.6328, 0.2367

Inverse Universe

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



14.9684, 9.7175, 62.0591



19.5279, 9.8761, 95.4848



17.8273, 9.2399, 61.8162



11.3119, 11.7142, 14.9085



7.4768, 3.6001, 37.4933



0.4665, 0.2982, 2.1125

Previews

White Background



This preview shows how the XYZ color 44.1925, 48.1721, 9.4516 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 44.1925, 48.1721, 9.4516 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 44.1925, 48.1721, 9.4516

Background



This preview shows how black text looks on a background with the XYZ color 44.1925, 48.1721, 9.4516.

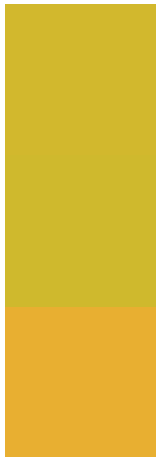


This preview shows how white text looks on a background with the XYZ color 44.1925, 48.1721,

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

44.1925, 48.1721, 9.4516

Protanopia

43.5547, 48.1528, 9.4815

Deuteranopia

49.1631, 48.0375, 9.5867



Tritanopia

53.0247, 48.2235, 52.4123

Trichromacy



Original Color

44.1925, 48.1721, 9.4516

Protanomaly

43.8350, 48.2973, 9.4946

Deuteranomaly

47.1944, 47.9015, 9.5548

Tritanomaly

48.1473, 47.3708, 29.1601

Monochromacy



Original Color

44.1925, 48.1721, 9.4516

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7554, 44.4901, 26.8615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1925, 48.1721, 9.4516 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(210, 184, 45)` looks like.

```
.text, #text, p{  
    color:rgb(210, 184, 45)  
}
```

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(210, 184, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 184, 45) }
```

Border

The CSS property to change the border of an element to XYZ 44.1925, 48.1721, 9.4516 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(210, 184, 45) }
```


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

```
.border{ border-color:rgb(210, 184, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 184, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 184, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 184, 45);  
box-shadow:4px 4px 4px 4px rgb(210, 184,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1925, 48.1721, 9.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 184, 45) }
```

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

```
.background{ background-color: rgb(210,  
184, 45) }
```

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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