

Converting Colors

XYZ(41.2093, 35.4781, 30.2387)

Have a look what the booklet for
XYZ(41.2093, 35.4781, 30.2387)
contains.

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Color

**XYZ(41.1502, 35.4548,
30.2658)**

Conversions

Conversions Part 1

Format	Color
Hex	D1908E
RGB	209, 144, 142
RGB Percent	82%, 56%, 56%
CMY	0.1804, 0.4353, 0.4431
CMYK	0.00, 0.31, 0.32, 0.18
HSL	2°, 42%, 69%
HSV	2°, 32%, 82%
XYZ	41.1502, 35.4548, 30.2658
YIQ	163.2070, 39.3820, 13.1580

Conversions

Conversions Part 2

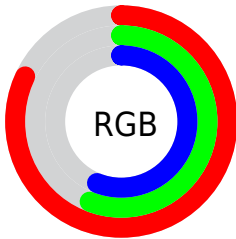
Format	Color
R _Y B	209, 144, 142
Decimal	13734030
CIE Lab	66.10, 24.37, 11.03
CIE LCh	66, 26.747, 24.352
Yxy	35.4548, 0.3850, 0.3318
Android (android.graphics.Color)	4291924110 (0xFFD1908E)
YUV	163.2070, -10.4551, 40.1605
Hunter-Lab	59.5439, 19.1576, 11.5440

Details

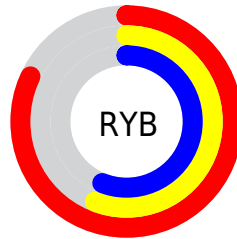
The XYZ color **41.1502, 35.4548, 30.2658** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9759, 54.9779, 68.5629**, and the grayscale version is **34.9462, 36.7661, 40.0383**.

A 20% lighter version of the original color is **71.3979, 65.6337, 61.1300**, and **18.9830, 15.3737, 12.0921** is the 20% darker color. If you saturate the color by 10%, you get **36.9258, 29.2861, 21.8283**, and if you desaturate by 10%, it is **46.2222, 42.8474, 40.4381**.

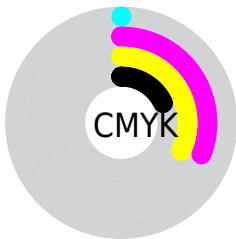
Distribution



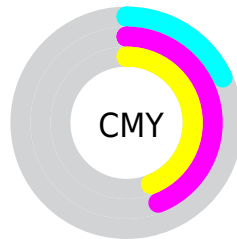
- Red (82%)
- Green (56%)
- Blue (56%)



- Red (82%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (32%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1502, 35.4548, 30.2658 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 41.1502, 35.4548, 30.2658 by changing the saturation by 10% instead.


 41.1502, 35.4548,
30.2658


 41.1502, 35.4548,
30.2658

341.9999,
326.5713, 317.3872

 28.6247, 24.0134,
19.7867


 76.1851, 68.1897,
61.1482

 18.9399, 15.3436,
12.0575


 99.4252, 90.2521,
82.3886

 11.7306, 9.0609,
6.6599


126.9675,
116.6235, 108.0532

 6.6314, 4.7809,
3.1751

159.1774,
147.6885, 138.5604

 3.2769, 2.1193,
1.1847

196.4202,
183.8313, 174.3289

 1.3019, 0.6754,
0.0000

239.0613,

 0.1846, 0.0000,

225.4365, 215.7772

0.0000

287.4661,
272.8883, 263.3238

■ 0.0000, 0.0000,
0.0000

■ 41.1502, 35.4548,
30.2658

■ 41.1502, 35.4548,
30.2658

■ 36.9258, 29.2861,
21.8283

■ 46.2222, 42.8474,
40.4381

■ 33.5002, 24.2707,
15.0268

■ 52.1814, 51.5197,
52.4322

■ 30.8239, 20.3385,
9.7558

■ 59.0685, 61.5299,
66.3318

■ 28.8408, 17.4095,
5.8970

■ 66.9207, 72.9314,
82.2149

■ 27.4869, 15.3931,
3.3143

■ 75.7734, 85.7745,
100.1550

■ 26.6864, 14.1821,
1.8450

■ 80.1045, 92.2953,
108.2006

■ 26.3624, 13.6910,
1.2532

Harmonies

Analogous

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



41.8888, 35.4548, 40.7983



41.1502, 35.4548, 30.2658



38.3510, 35.4548, 23.4125

Triad

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



41.1502, 35.4548, 30.2658



27.8632, 35.4548, 27.2035



32.9523, 35.4548, 64.7326

Complementary

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



41.1502, 35.4548, 30.2658



44.9759, 54.9779, 68.5629

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.



29.4388, 35.4548, 59.2568



41.1502, 35.4548, 30.2658



26.6524, 35.4548, 36.4903

Square

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



41.1502, 35.4548, 30.2658



30.6452, 35.4548, 21.9030



27.2059, 35.4548, 48.3487



36.9486, 35.4548, 62.1692

Rectangle

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



41.1502, 35.4548, 30.2658



35.8020, 35.4548, 21.1337



27.2059, 35.4548, 48.3487



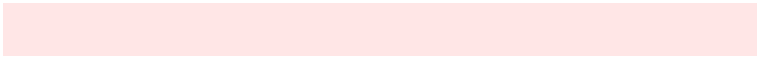
31.6794, 35.4548, 63.7429

Sweetspot

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



41.1511, 35.4565, 30.2665



83.8228, 83.6852, 86.2302



47.3385, 37.4500, 64.3329



17.6298, 17.4588, 17.8284



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.



41.1511, 35.4565, 30.2665



60.1648, 49.2214, 38.7225



46.8237, 46.8016, 32.1574



11.8367, 11.8641, 12.2782



16.2670, 8.4671, 0.7769



0.9197, 0.4938, 0.0468

Inverse Universe

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



44.9759, 54.9779, 68.5629



67.0124, 84.1836, 107.3249



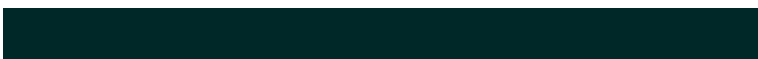
37.8745, 40.7750, 66.1958



12.1268, 13.3439, 15.1801



20.2402, 29.1270, 41.7478



1.1414, 1.6481, 2.3375

Previews

White Background



This preview shows how the XYZ color 41.1502, 35.4548, 30.2658 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 41.1502, 35.4548, 30.2658 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 41.1502, 35.4548, 30.2658

Background



This preview shows how black text looks on a background with the XYZ color 41.1502, 35.4548, 30.2658.



This preview shows how white text looks on a background with the XYZ color 41.1502, 35.4548,

30.2658.

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

41.1502, 35.4548, 30.2658

Protanopia

33.8826, 35.4830, 34.3412

Deuteranopia

36.2221, 35.5265, 29.7591



Tritanopia

42.0011, 35.3475, 34.7461

Trichromacy



Original Color

41.1502, 35.4548, 30.2658

Protanomaly

36.1923, 35.1944, 32.9026

Deuteranomaly

37.8666, 35.3938, 30.0352

Tritanomaly

41.8256, 35.5165, 33.0847

Monochromacy



Original Color

41.1502, 35.4548, 30.2658

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.6273, 35.8468, 35.9990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1502, 35.4548, 30.2658 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(209, 144, 142)` looks like.

```
.text, #text, p{  
    color:rgb(209, 144, 142)  
}
```

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(209, 144, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 144, 142) }
```

Border

The CSS property to change the border of an element to XYZ 41.1502, 35.4548, 30.2658 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(209, 144, 142) }
```


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

```
.border{ border-color:rgb(209, 144, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 144, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 144, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 144, 142); box-shadow:4px 4px 4px 4px rgb(209, 144, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1502, 35.4548, 30.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 144, 142) }
```

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

```
.background{ background-color: rgb(209,  
144, 142) }
```

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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