

Converting Colors

XYZ(41.8030, 35.8006, 31.4063)

Have a look what the booklet for
XYZ(41.8030, 35.8006, 31.4063)
contains.

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Color

**XYZ(41.6624, 35.6925,
31.4816)**

Conversions

Conversions Part 1

Format	Color
Hex	D29091
RGB	210, 144, 145
RGB Percent	82%, 56%, 57%
CMY	0.1765, 0.4353, 0.4314
CMYK	0.00, 0.31, 0.31, 0.18
HSL	359°, 42%, 69%
HSV	359°, 31%, 82%
XYZ	41.6624, 35.6925, 31.4816
YIQ	163.8480, 39.0150, 14.3030

Conversions

Conversions Part 2

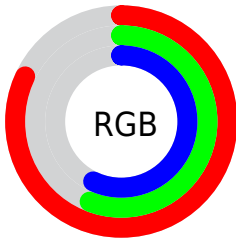
Format	Color
R_{YB}	210, 144, 145
Decimal	13799569
CIE _{Lab}	66.28, 25.14, 9.62
CIE _{LCh}	66, 26.919, 20.938
Yxy	35.6925, 0.3828, 0.3279
Android (android.graphics.Color)	4291989649 (0xFFD29091)
YUV	163.8480, -9.2921, 40.4753
Hunter-Lab	59.7432, 19.9278, 10.5775

Details

The XYZ color **41.6624, 35.6925, 31.4816** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0583, 56.6266, 68.8269**, and the grayscale version is **35.2450, 37.0804, 40.3806**.

A 20% lighter version of the original color is **71.7429, 65.7717, 62.9468**, and **19.3063, 15.5249, 12.8055** is the 20% darker color. If you saturate the color by 10%, you get **37.3202, 29.3322, 22.8691**, and if you desaturate by 10%, it is **46.8885, 43.3555, 41.8219**.

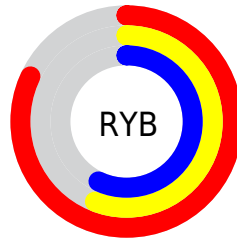
Distribution



Red (82%)

Green (56%)

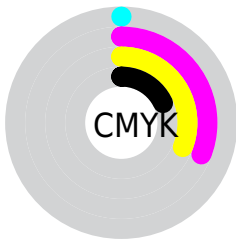
Blue (57%)



Red (82%)

Yellow (56%)

Blue (57%)

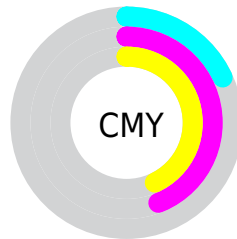


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6624, 35.6925, 31.4816 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 41.6624, 35.6925, 31.4816 by changing the saturation by 10% instead.

 41.6624, 35.6925,
31.4816


 41.6624, 35.6925,
31.4816


344.0970,
327.6145, 323.1706

 29.0270, 24.1968,
20.7043


 76.9568, 68.5572,
63.0859

 19.2456, 15.4797,
12.7189


 100.3465, 90.6950,
84.7501

 11.9530, 9.1567,
7.1068


128.0517,
117.1489, 110.8803

 6.7836, 4.8435,
3.4495

160.4377,
148.3033, 141.8950

 3.3723, 2.1558,
1.3285

197.8698,
184.5427, 178.2129

 1.3535, 0.6957,
0.0850

240.7136,

 0.2228, 0.0000,

226.2515, 220.2524

0.0000

289.3342,
273.8139, 268.4321

■ 0.0000, 0.0000,
0.0000

■ 41.6624, 35.6925,
31.4816

■ 41.6624, 35.6925,
31.4816

■ 37.3202, 29.3322,
22.8691

■ 46.8885, 43.3555,
41.8219

■ 33.8104, 24.1975,
15.8882

■ 53.0405, 52.3826,
53.9748

■ 31.0806, 20.2111,
10.4368

■ 60.1612, 62.8374,
68.0220

■ 29.0714, 17.2847,
6.4002

■ 68.2899, 74.7781,
84.0396

■ 27.7146, 15.3172,
3.6476

■ 77.4638, 88.2596,
102.0996

■ 26.9292, 14.1882,
2.0240

■ 80.3883, 92.4416,
108.2138

■ 26.5957, 13.7086,
1.3352

Harmonies

Analogous

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



42.1386, 35.6925, 42.4526



41.6624, 35.6925, 31.4816



39.0288, 35.6925, 24.0926

Triad

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



41.6624, 35.6925, 31.4816



28.2735, 35.6925, 26.5231



32.7225, 35.6925, 65.0578

Complementary

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



41.6624, 35.6925, 31.4816



46.0583, 56.6266, 68.8269

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.



29.2862, 35.6925, 58.6948



41.6624, 35.6925, 31.4816



26.8542, 35.6925, 35.4818

Square

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



41.6624, 35.6925, 31.4816



31.2385, 35.6925, 21.6471



27.2097, 35.6925, 47.3166



36.7605, 35.6925, 63.4019

Rectangle

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



41.6624, 35.6925, 31.4816



36.5104, 35.6925, 21.4798



27.2097, 35.6925, 47.3166



31.4640, 35.6925, 63.7458

Sweetspot

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



41.6634, 35.6942, 31.4823



84.7325, 84.8501, 88.5512



47.8732, 38.1421, 65.8117



17.8048, 17.6748, 18.2994



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.



41.6634, 35.6942, 31.4823



59.7908, 48.2706, 39.2229



47.1191, 46.7280, 32.9237



11.8159, 11.8111, 12.3062



16.2263, 8.3634, 0.8320



0.9099, 0.4687, 0.0602

Inverse Universe

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



41.6634, 35.6942, 31.4823



59.7908, 48.2706, 39.2229



39.0763, 42.4646, 67.1097



11.8159, 11.8111, 12.3062



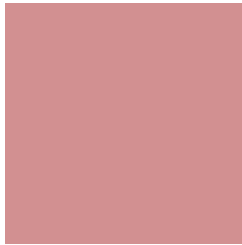
16.2263, 8.3634, 0.8320



0.9099, 0.4687, 0.0602

Previews

White Background



This preview shows how the XYZ color 41.6624, 35.6925, 31.4816 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 41.6624, 35.6925, 31.4816 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 41.6624, 35.6925, 31.4816

Background



This preview shows how black text looks on a background with the XYZ color 41.6624, 35.6925, 31.4816.



This preview shows how white text looks on a background with the XYZ color 41.6624, 35.6925,

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

41.6624, 35.6925, 31.4816

Protanopia

34.3035, 35.9298, 35.6990

Deuteranopia

36.6136, 35.9505, 30.9960



Tritanopia

42.5192, 35.8269, 35.2461

Trichromacy



Original Color

41.6624, 35.6925, 31.4816

Protanomaly

36.5987, 35.6221, 34.2250

Deuteranomaly

38.2546, 35.8075, 31.2809

Tritanomaly

42.2723, 35.7282, 33.9464

Monochromacy



Original Color

41.6624, 35.6925, 31.4816

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1988, 36.3720, 36.9582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6624, 35.6925, 31.4816 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, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(210, 144, 145)  
}
```

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, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.6624, 35.6925, 31.4816 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, 144, 145) }
```


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

```
.border{ border-color:rgb(210, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(210, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6624, 35.6925, 31.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 144, 145) }
```

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

```
.background{ background-color: rgb(210,  
144, 145) }
```

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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