

Converting Colors

XYZ(41.9125, 31.3419, 24.6729)

Have a look what the booklet for
XYZ(41.9125, 31.3419, 24.6729)
contains.

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Color

**XYZ(41.8512, 31.2673,
24.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	E17981
RGB	225, 121, 129
RGB Percent	88%, 47%, 51%
CMY	0.1176, 0.5255, 0.4941
CMYK	0.00, 0.46, 0.43, 0.12
HSL	355°, 63%, 68%
HSV	355°, 46%, 88%
XYZ	41.8512, 31.2673, 24.5983
YIQ	153.0080, 59.4160, 24.5360

Conversions

Conversions Part 2

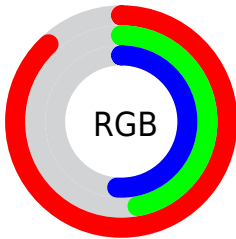
Format	Color
R _Y B	225, 121, 129
Decimal	14776705
CIE Lab	62.73, 41.02, 13.94
CIE LCh	63, 43.326, 18.765
Yxy	31.2673, 0.4283, 0.3200
Android (android.graphics.Color)	4292966785 (0xFFE17981)
YUV	153.0080, -11.8359, 63.1370
Hunter-Lab	55.9172, 35.7433, 13.0600

Details

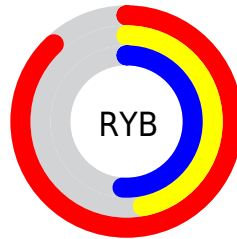
The XYZ color **41.8512, 31.2673, 24.5983** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3364, 62.9259, 75.3004**, and the grayscale version is **30.3144, 31.8931, 34.7316**.

A 20% lighter version of the original color is **65.0135, 55.2973, 51.5028**, and **19.3020, 12.9424, 9.0702** is the 20% darker color. If you saturate the color by 10%, you get **38.1856, 25.9256, 17.2434**, and if you desaturate by 10%, it is **46.4366, 37.9996, 33.6449**.

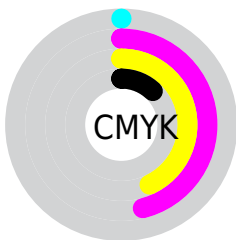
Distribution



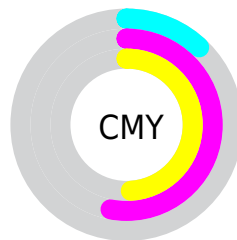
- Red (88%)
- Green (47%)
- Blue (51%)



- Red (88%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (43%)
- Black (12%)





- Cyan (12%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8512, 31.2673, 24.5983 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 41.8512, 31.2673, 24.5983 by changing the saturation by 10% instead.


 41.8512, 31.2673,
24.5983


 41.8512, 31.2673,
24.5983


344.8679,
307.7679, 289.2149

 29.1754, 20.8025,
15.5617


 77.2410, 61.6607,
51.9608

 19.3585, 12.9797,
9.0636


 100.6856, 82.3580,
71.1238

 12.0351, 7.4146,
4.6853


 128.4506,
107.2349, 94.4994

 6.8400, 3.7227,
2.0083

160.9013,
136.6759, 122.5061

 3.4077, 1.5197,
0.5604

198.4030,
171.0653, 155.5625

 1.3728, 0.3025,
0.0000

241.3211,

 0.2367, 0.0000,

210.7875, 194.0870

0.0000

290.0209,
256.2269, 238.4983

■ 0.0000, 0.0000,
0.0000

■ 41.8512, 31.2673,
24.5983

■ 41.8512, 31.2673,
24.5983

■ 38.1856, 25.9256,
17.2434

■ 46.4366, 37.9996,
33.6449

■ 35.3754, 21.8730,
11.4732

■ 51.9958, 46.2052,
44.4774

■ 33.3515, 19.0017,
7.1714


■ 58.5813, 55.9661,
57.1854


■ 32.0330, 17.1845,
4.2051


■ 66.2413, 67.3570,
71.8517

■ 31.3207, 16.2630,
2.4165

■ 75.0208, 80.4474,
88.5543

 31.1548, 16.0490,
1.9983

 84.6404, 94.6592,
107.2597

 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



42.3391, 31.2673, 40.7992



41.8512, 31.2673, 24.5983



37.8704, 31.2673, 14.9438

Triad

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



41.8512, 31.2673, 24.5983



21.9545, 31.2673, 16.7612



27.5556, 31.2673, 77.0719

Complementary

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



41.8512, 31.2673, 24.5983



47.3364, 62.9259, 75.3004

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.



22.8296, 31.2673, 64.9134



41.8512, 31.2673, 24.5983



19.8941, 31.2673, 28.0802

Square

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



41.8512, 31.2673, 24.5983



26.2054, 31.2673, 11.5674



20.1916, 31.2673, 45.6445



33.5326, 31.2673, 75.1774

Rectangle

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



41.8512, 31.2673, 24.5983



34.0348, 31.2673, 11.8031



20.1916, 31.2673, 45.6445



25.7837, 31.2673, 74.3652

Sweetspot

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



41.8520, 31.2689, 24.5989



79.8406, 77.3560, 79.8616



48.8464, 33.7624, 75.1764



16.6428, 15.8945, 16.2366



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.



41.8520, 31.2689, 24.5989



51.0780, 34.9588, 23.6362



47.8388, 44.0599, 24.0743



13.7498, 13.7175, 14.4525



17.9693, 9.2547, 1.2381



1.2607, 0.6475, 0.1655

Inverse Universe

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



41.8520, 31.2689, 24.5989



51.0780, 34.9588, 23.6362



38.1370, 42.8223, 77.4896



13.7498, 13.7175, 14.4525



17.9693, 9.2547, 1.2381



1.2607, 0.6475, 0.1655

Previews

White Background



This preview shows how the XYZ color 41.8512, 31.2673, 24.5983 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 41.8512, 31.2673, 24.5983 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 41.8512, 31.2673, 24.5983

Background



This preview shows how black text looks on a background with the XYZ color 41.8512, 31.2673, 24.5983.



This preview shows how white text looks on a background with the XYZ color 41.8512, 31.2673,

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

41.8512, 31.2673, 24.5983

Protanopia

30.2437, 31.6689, 31.3068

Deuteranopia

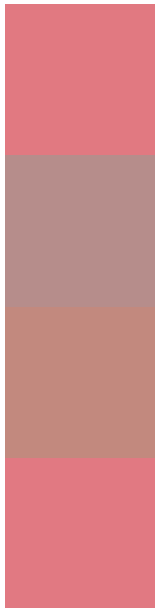
31.8851, 31.2685, 23.7569



Tritanopia

41.9180, 31.2940, 24.9501

Trichromacy



Original Color

41.8512, 31.2673, 24.5983

Protanomaly

33.4765, 30.8589, 28.6181

Deuteranomaly

34.9597, 30.8670, 23.8540

Tritanomaly

41.9180, 31.2940, 24.9501

Monochromacy



Original Color

41.8512, 31.2673, 24.5983

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.1493, 30.6471, 30.5539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8512, 31.2673, 24.5983 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(225, 121, 129)` looks like.

```
.text, #text, p{  
    color:rgb(225, 121, 129)  
}
```

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(225, 121, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 121, 129) }
```

Border

The CSS property to change the border of an element to XYZ 41.8512, 31.2673, 24.5983 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(225, 121, 129) }
```


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

```
.border{ border-color:rgb(225, 121, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 121, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 121, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 121, 129);  
box-shadow:4px 4px 4px 4px rgb(225, 121,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8512, 31.2673, 24.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 121, 129) }
```

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

```
.background{ background-color: rgb(225,  
121, 129) }
```

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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