

Converting Colors

XYZ(41.6726, 30.1935, 19.8366)

Have a look what the booklet for
XYZ(41.6726, 30.1935, 19.8366)
contains.

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Color

**XYZ(41.5383, 30.1573,
19.8513)**

Conversions

Conversions Part 1

Format	Color
Hex	E57373
RGB	229, 115, 115
RGB Percent	90%, 45%, 45%
CMY	0.1020, 0.5490, 0.5490
CMYK	0.00, 0.50, 0.50, 0.10
HSL	0°, 69%, 67%
HSV	0°, 50%, 90%
XYZ	41.5383, 30.1573, 19.8513
YIQ	149.0860, 67.9440, 24.1680

Conversions

Conversions Part 2

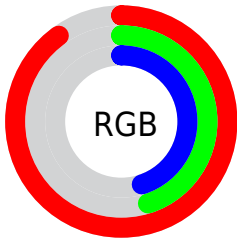
Format	Color
R _Y B	229, 115, 115
Decimal	15037299
CIE Lab	61.79, 44.14, 20.71
CIE LCh	62, 48.756, 25.140
Yxy	30.1573, 0.4537, 0.3294
Android (android.graphics.Color)	4293227379 (0xFFE57373)
YUV	149.0860, -16.8044, 70.0846
Hunter-Lab	54.9157, 38.9153, 17.0084

Details

The XYZ color **41.5383, 30.1573, 19.8513** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.2306, 65.3368, 84.1449**, and the grayscale version is **28.6527, 30.1448, 32.8277**.

A 20% lighter version of the original color is **62.4030, 52.4260, 43.3894**, and **19.1528, 12.3953, 6.6933** is the 20% darker color. If you saturate the color by 10%, you get **38.0857, 25.1055, 12.9869**, and if you desaturate by 10%, it is **45.9682, 36.6400, 28.6566**.

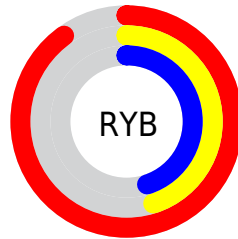
Distribution



Red (90%)

Green (45%)

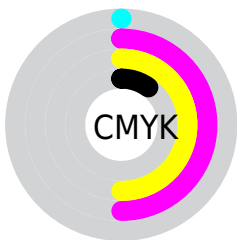
Blue (45%)



Red (90%)

Yellow (45%)

Blue (45%)

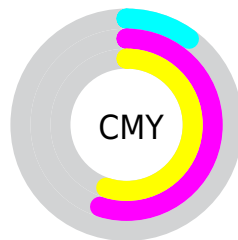


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (10%)



Cyan (10%)


Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5383, 30.1573, 19.8513 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 41.5383, 30.1573, 19.8513 by changing the saturation by 10% instead.


 41.5383, 30.1573,
19.8513


 41.5383, 30.1573,
19.8513


343.5897,
302.6370, 263.6865

 28.9295, 19.9580,
12.1040


 76.7699, 59.9108,
44.0234

 19.1715, 12.3645,
6.6911


 100.1235, 80.2339,
61.2853

 11.8990, 6.9924,
3.1942


 127.7892,
104.7003, 82.5558

 6.7466, 3.4574,
1.1946

160.1327,
133.6945, 108.2535

 3.3491, 1.3749,
0.0000

197.5191,
167.6009, 138.7969

 1.3409, 0.1981,
0.0000

240.3138,

 0.2135, 0.0000,

206.8038, 174.6045

0.0000

288.8822,
251.6877, 216.0948

■ 0.0000, 0.0000,
0.0000

■ 41.5383, 30.1573,
19.8513

■ 41.5383, 30.1573,
19.8513

■ 38.0857, 25.1055,
12.9869

■ 45.9682, 36.6400,
28.6566

■ 35.5344, 21.3722,
7.9154

■ 51.4391, 44.6456,
39.5325

■ 33.8012, 18.8360,
4.4702


■ 58.0122, 54.2639,
52.5995


■ 32.7863, 17.3507,
2.4528


■ 65.7432, 65.5764,
67.9684

■ 32.3212, 16.6702,
1.5285

■ 74.6839, 78.6592,
85.7423

 32.3131, 16.6582,
1.5123

 84.8831, 93.5835,
106.0183

 86.1229, 95.3979,
108.4822

Harmonies

Analogous

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



43.0148, 30.1573, 35.9641



41.5383, 30.1573, 19.8513



36.4208, 30.1573, 11.3456

Triad

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



41.5383, 30.1573, 19.8513



19.5790, 30.1573, 16.3266



27.6174, 30.1573, 83.0021

Complementary

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



41.5383, 30.1573, 19.8513



49.2306, 65.3368, 84.1449

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.



22.0944, 30.1573, 71.8567



41.5383, 30.1573, 19.8513



17.9227, 30.1573, 29.8950

Square

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



41.5383, 30.1573, 19.8513



23.6729, 30.1573, 9.9164



18.7689, 30.1573, 50.5201



34.3106, 30.1573, 77.0922

Rectangle

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



41.5383, 30.1573, 19.8513



31.9913, 30.1573, 8.9610



18.7689, 30.1573, 50.5201



25.5751, 30.1573, 81.0345

Sweetspot

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



41.5391, 30.1589, 19.8518



78.4809, 75.7548, 75.9610



52.5865, 34.5767, 78.0307



16.3598, 15.5732, 15.3873



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.



41.5391, 30.1589, 19.8518



48.3905, 31.7237, 16.1432



50.1601, 47.4009, 22.7255



14.3771, 14.3681, 14.9200



18.4751, 9.5244, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



49.2306, 65.3368, 84.1449



59.2868, 81.5594, 107.2255



35.9657, 38.8071, 79.7233



14.8074, 16.3363, 18.5171



24.1043, 35.2707, 47.9207



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 41.5383, 30.1573, 19.8513 looks on a white background.

Color Contrast Check

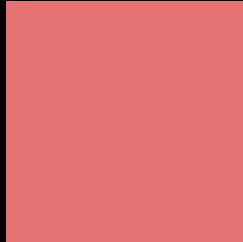
Large Text (above 18pt) WCAG AA × Fail

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 41.5383, 30.1573, 19.8513 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 41.5383, 30.1573, 19.8513

Background



This preview shows how black text looks on a background with the XYZ color 41.5383, 30.1573, 19.8513.



This preview shows how white text looks on a background with the XYZ color 41.5383, 30.1573,

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

41.5383, 30.1573, 19.8513

Protanopia

28.7488, 30.3017, 25.8063

Deuteranopia

30.7684, 30.1178, 18.9435



Tritanopia

41.8433, 30.0978, 22.0164

Trichromacy



Original Color

41.5383, 30.1573, 19.8513

Protanomaly

32.1758, 29.4393, 23.3885

Deuteranomaly

34.0771, 29.6807, 19.2621

Tritanomaly

41.6602, 30.0246, 21.0523

Monochromacy



Original Color

41.5383, 30.1573, 19.8513

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.8211, 29.1624, 27.6187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5383, 30.1573, 19.8513 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(229, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(229, 115, 115)  
}
```

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(229, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 41.5383, 30.1573, 19.8513 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(229, 115, 115) }
```


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

```
.border{ border-color:rgb(229, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(229, 115,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5383, 30.1573, 19.8513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 115, 115) }
```

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

```
.background{ background-color: rgb(229,  
115, 115) }
```

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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