

Converting Colors

XYZ(40.8627, 30.6187, 21.5007)

Have a look what the booklet for
XYZ(40.8627, 30.6187, 21.5007)
contains.

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Color

**XYZ(40.8471, 30.6363,
21.5298)**

Conversions

Conversions Part 1

Format	Color
Hex	E07878
RGB	224, 120, 120
RGB Percent	88%, 47%, 47%
CMY	0.1216, 0.5294, 0.5294
CMYK	0.00, 0.46, 0.46, 0.12
HSL	0°, 63%, 67%
HSV	0°, 46%, 88%
XYZ	40.8471, 30.6363, 21.5298
YIQ	151.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

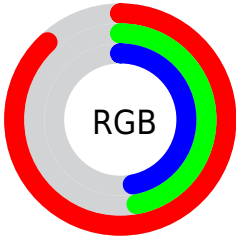
Format	Color
R_{YB}	224, 120, 120
Decimal	14710904
CIE _{Lab}	62.20, 40.25, 18.31
CIE _{LCh}	62, 44.223, 24.458
Yxy	30.6363, 0.4392, 0.3294
Android (android.graphics.Color)	4292900984 (0xFFE07878)
YUV	151.0960, -15.3303, 63.9368
Hunter-Lab	55.3501, 34.8664, 15.6827

Details

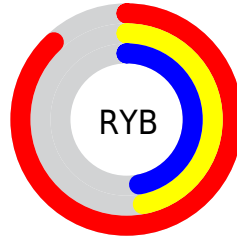
The XYZ color **40.8471, 30.6363, 21.5298** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.8544, 62.6830, 80.0977**, and the grayscale version is **29.5023, 31.0388, 33.8012**.

A 20% lighter version of the original color is **63.8224, 54.5107, 46.1875**, and **18.7539, 12.6015, 7.5748** is the 20% darker color. If you saturate the color by 10%, you get **37.2573, 25.3837, 14.3926**, and if you desaturate by 10%, it is **45.3865, 37.2792, 30.5527**.

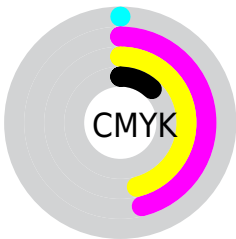
Distribution



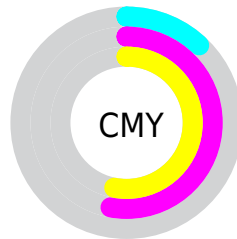
- Red (88%)
- Green (47%)
- Blue (47%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8471, 30.6363, 21.5298 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 40.8471, 30.6363, 21.5298 by changing the saturation by 10% instead.

40.8471, 30.6363,
21.5298

40.8471, 30.6363,
21.5298

340.7547,
304.8592, 272.9538

28.3868, 20.3221,
13.3168

75.7279, 60.6670,
46.8598

18.7594, 12.6294,
7.5138

98.8791, 81.1523,
64.8139

11.5995, 7.1738,
3.7022

126.3246,
105.7966, 86.8521

6.5418, 3.5710,
1.4634

158.4298,
134.9845, 113.3930

3.2210, 1.4366,
0.1904

195.5601,
169.1004, 144.8550

1.2717, 0.2435,
0.0000

238.0807,

0.1619, 0.0000,

208.5285, 181.6568

0.0000

286.3572,
253.6533, 224.2169

■ 0.0000, 0.0000,
0.0000

■ 40.8471, 30.6363,
21.5298

■ 40.8471, 30.6363,
21.5298

■ 37.2573, 25.3837,
14.3926

■ 45.3865, 37.2792,
30.5527

■ 34.5476, 21.4186,
9.0061

■ 50.9336, 45.3963,
41.5802

■ 32.6429, 18.6314,
5.2200


■ 57.5449, 55.0705,
54.7232


■ 31.4547, 16.8926,
2.8581


■ 65.2719, 66.3772,
70.0842

■ 30.8712, 16.0387,
1.6984

■ 74.1627, 79.3869,
87.7589

 30.7405, 15.8475,
1.4387

 84.2626, 94.1659,
107.8375

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



42.0810, 30.6363, 36.6292



40.8471, 30.6363, 21.5298



36.3023, 30.6363, 13.1434

Triad

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



40.8471, 30.6363, 21.5298



20.7532, 30.6363, 17.6840



28.0260, 30.6363, 77.8545

Complementary

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



40.8471, 30.6363, 21.5298



47.8544, 62.6830, 80.0977

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.



22.9517, 30.6363, 67.8284



40.8471, 30.6363, 21.5298



19.1361, 30.6363, 30.2871

Square

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



40.8471, 30.6363, 21.5298



24.6268, 30.6363, 11.5122



19.8825, 30.6363, 48.8766



34.1265, 30.6363, 73.0446

Rectangle

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



40.8471, 30.6363, 21.5298



32.2991, 30.6363, 10.6747



19.8825, 30.6363, 48.8766



26.1546, 30.6363, 76.0272

Sweetspot

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



40.8479, 30.6379, 21.5304



79.4761, 77.2110, 77.9395



50.9115, 34.6622, 74.5280



16.5556, 15.8598, 15.7767



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.



40.8479, 30.6379, 21.5304



49.9929, 34.0686, 19.3287



48.8832, 46.7085, 24.2088



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



47.8544, 62.6830, 80.0977



60.5151, 82.1929, 107.2831



35.9529, 38.8801, 76.1305



14.1166, 15.5723, 17.6494



23.3452, 34.1599, 46.4115



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 40.8471, 30.6363, 21.5298 looks on a white background.

Color Contrast Check

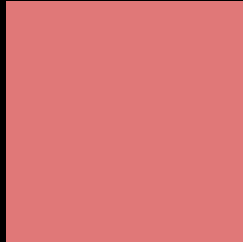
Large Text (above 18pt) WCAG AA × Fail

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 40.8471, 30.6363, 21.5298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

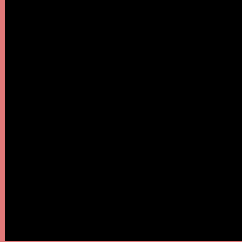
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8471, 30.6363, 21.5298

Background



This preview shows how black text looks on a background with the XYZ color 40.8471, 30.6363, 21.5298.



This preview shows how white text looks on a background with the XYZ color 40.8471, 30.6363,

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

40.8471, 30.6363, 21.5298

Protanopia

29.1841, 30.7301, 27.3150

Deuteranopia

31.4092, 30.8589, 20.8239



Tritanopia

41.4789, 30.7335, 23.8247

Trichromacy



Original Color

40.8471, 30.6363, 21.5298

Protanomaly

32.3179, 29.9007, 25.1872

Deuteranomaly

34.2632, 30.3620, 20.8842

Tritanomaly

41.2863, 30.6564, 22.8100

Monochromacy



Original Color

40.8471, 30.6363, 21.5298

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.4718, 30.1146, 28.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8471, 30.6363, 21.5298 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(224, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(224, 120, 120)  
}
```

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(224, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 40.8471, 30.6363, 21.5298 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(224, 120, 120) }
```


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

```
.border{ border-color:rgb(224, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(224, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8471, 30.6363, 21.5298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 120, 120) }
```

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

```
.background{ background-color: rgb(224,  
120, 120) }
```

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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