

Converting Colors

XYZ(40.3601, 30.2154, 21.1599)

Have a look what the booklet for
XYZ(40.3601, 30.2154, 21.1599)
contains.

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Color

**XYZ(40.3580, 30.2135,
21.1575)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7777
RGB	223, 119, 119
RGB Percent	87%, 47%, 47%
CMY	0.1255, 0.5333, 0.5333
CMYK	0.00, 0.47, 0.47, 0.13
HSL	0°, 62%, 67%
HSV	0°, 47%, 87%
XYZ	40.3580, 30.2135, 21.1575
YIQ	150.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

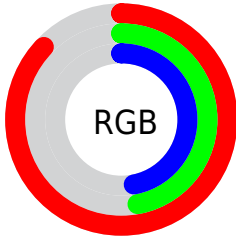
Format	Color
R_{YB}	223, 119, 119
Decimal	14645111
CIE _{Lab}	61.84, 40.30, 18.36
CIE _{LCh}	62, 44.286, 24.495
Yxy	30.2135, 0.4400, 0.3294
Android (android.graphics.Color)	4292835191 (0xFFDF7777)
YUV	150.0960, -15.3303, 63.9368
Hunter-Lab	54.9668, 34.8672, 15.6552

Details

The XYZ color **40.3580, 30.2135, 21.1575** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3133, 62.0220, 79.2896**, and the grayscale version is **29.0756, 30.5898, 33.3123**.

A 20% lighter version of the original color is **63.5343, 54.0874, 45.6194**, and **18.4543, 12.3618, 7.3746** is the 20% darker color. If you saturate the color by 10%, you get **36.8228, 25.0409, 14.1289**, and if you desaturate by 10%, it is **44.8314, 36.7599, 30.0494**.

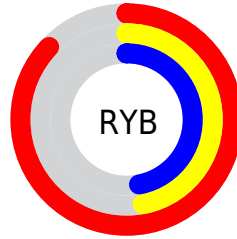
Distribution



Red (87%)

Green (47%)

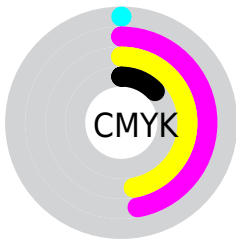
Blue (47%)



Red (87%)

Yellow (47%)

Blue (47%)

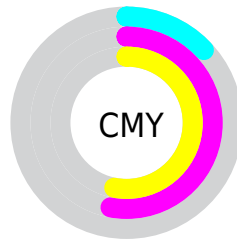


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3580, 30.2135, 21.1575 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 40.3580, 30.2135, 21.1575 by changing the saturation by 10% instead.


 40.3580, 30.2135,
21.1575


 40.3580, 30.2135,
21.1575


338.7388,
302.8984, 270.9228


 28.0032, 20.0007,
13.0468


 74.9892, 59.9997,
46.2337

 18.4686, 12.3956,
7.3297


 97.9964, 80.3418,
64.0363

 11.3886, 7.0137,
3.5876

 125.2851,
104.8292, 85.9066

 6.3981, 3.4706,
1.4019

157.2207,
133.8462, 112.2632

 3.1316, 1.3821,
0.1432

194.1685,
167.7772, 143.5245

 1.2237, 0.2035,
0.0000

236.4939,

 0.1250, 0.0000,

207.0066, 180.1092

0.0000

284.5622,
251.9189, 222.4358

■ 0.0000, 0.0000,
0.0000

■ 40.3580, 30.2135,
21.1575

■ 40.3580, 30.2135,
21.1575

■ 36.8228, 25.0409,
14.1289

■ 44.8314, 36.7599,
30.0494

■ 34.1571, 21.1401,
8.8298

■ 50.3009, 44.7633,
40.9224

■ 32.2864, 18.4026,
5.1111


■ 56.8222, 54.3058,
53.8864


■ 31.1227, 16.6997,
2.7980


■ 64.4463, 65.4621,
69.0430

■ 30.5540, 15.8674,
1.6678

■ 73.2210, 78.3019,
86.4869

 30.4315, 15.6882,
1.4242

 83.1912, 92.8910,
106.3074

 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



41.5886, 30.2135, 36.1215



40.3580, 30.2135, 21.1575



35.8406, 30.2135, 12.8695

Triad

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



40.3580, 30.2135, 21.1575



20.4188, 30.2135, 17.3763



27.6399, 30.2135, 77.1290

Complementary

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



40.3580, 30.2135, 21.1575



47.3133, 62.0220, 79.2896

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.



22.6060, 30.2135, 67.1696



40.3580, 30.2135, 21.1575



18.8199, 30.2135, 29.8710

Square

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



40.3580, 30.2135, 21.1575



24.2555, 30.2135, 11.2697



19.5620, 30.2135, 48.3322



33.6947, 30.2135, 72.3243

Rectangle

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



40.3580, 30.2135, 21.1575



31.8654, 30.2135, 10.4363



19.5620, 30.2135, 48.3322



25.7831, 30.2135, 75.3167

Sweetspot

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



40.3588, 30.2151, 21.1581



79.4761, 77.2110, 77.9395



50.3475, 34.2095, 73.7613



16.5556, 15.8597, 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.



40.3588, 30.2151, 21.1581



49.9929, 34.0685, 19.3286



48.3242, 46.1458, 23.8132



13.7073, 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.



47.3133, 62.0220, 79.2896



60.5152, 82.1932, 107.2831



35.4901, 38.3757, 75.3485



14.1166, 15.5723, 17.6494



23.3453, 34.1601, 46.4115



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 40.3580, 30.2135, 21.1575 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 40.3580, 30.2135, 21.1575 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 40.3580, 30.2135, 21.1575

Background



This preview shows how black text looks on a background with the XYZ color 40.3580, 30.2135, 21.1575.



This preview shows how white text looks on a background with the XYZ color 40.3580, 30.2135,

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

40.3580, 30.2135, 21.1575

Protanopia

28.7608, 30.2840, 26.8838

Deuteranopia

30.9723, 30.4144, 20.4578



Tritanopia

40.9848, 30.3105, 23.4290

Trichromacy



Original Color

40.3580, 30.2135, 21.1575

Protanomaly

31.8733, 29.4652, 24.7763

Deuteranomaly

33.8087, 29.9264, 20.5175

Tritanomaly

40.7941, 30.2342, 22.4246

Monochromacy



Original Color

40.3580, 30.2135, 21.1575

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.0243, 29.6764, 28.4664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3580, 30.2135, 21.1575 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(223, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 119, 119)  
}
```

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(223, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 119, 119) }
```

Border

The CSS property to change the border of an element to XYZ 40.3580, 30.2135, 21.1575 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(223, 119, 119) }
```


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

```
.border{ border-color:rgb(223, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(223, 119,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3580, 30.2135, 21.1575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 119, 119) }
```

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

```
.background{ background-color: rgb(223,  
119, 119) }
```

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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