

Converting Colors

XYZ(40.6019, 31.2529, 21.0320)

Have a look what the booklet for
XYZ(40.6019, 31.2529, 21.0320)
contains.

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Color

**XYZ(40.6019, 31.2529,
21.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7C76
RGB	222, 124, 118
RGB Percent	87%, 49%, 46%
CMY	0.1294, 0.5137, 0.5373
CMYK	0.00, 0.44, 0.47, 0.13
HSL	3°, 61%, 67%
HSV	3°, 47%, 87%
XYZ	40.6019, 31.2529, 21.0320
YIQ	152.6180, 60.3340, 18.9100

Conversions

Conversions Part 2

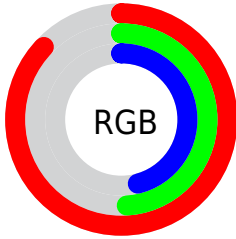
Format	Color
R_{YB}	222, 124, 118
Decimal	14580854
CIE _{Lab}	62.72, 37.25, 20.11
CIE _{LCh}	63, 42.335, 28.365
Yxy	31.2529, 0.4371, 0.3365
Android (android.graphics.Color)	4292770934 (0xFFDE7C76)
YUV	152.6180, -17.0667, 60.8480
Hunter-Lab	55.9043, 31.8076, 16.8273

Details

The XYZ color **40.6019, 31.2529, 21.0320** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.2106, 58.2345, 77.9647**, and the grayscale version is **30.1665, 31.7375, 34.5622**.

A 20% lighter version of the original color is **64.4161, 56.0031, 45.4448**, and **18.5923, 12.9938, 7.3225** is the 20% darker color. If you saturate the color by 10%, you get **37.0854, 26.0885, 14.0993**, and if you desaturate by 10%, it is **44.9865, 37.6567, 29.7861**.

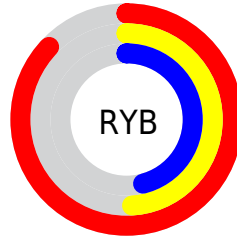
Distribution



Red (87%)

Green (49%)

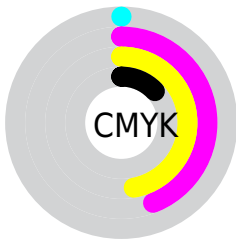
Blue (46%)



Red (87%)

Yellow (49%)

Blue (46%)

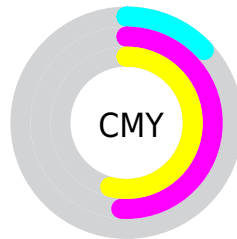


Cyan (0%)

Magenta (44%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6019, 31.2529, 21.0320 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 40.6019, 31.2529, 21.0320 by changing the saturation by 10% instead.


 40.6019, 31.2529,
21.0320


 40.6019, 31.2529,
21.0320


339.7451,
307.7017, 270.2351


 28.1944, 20.7915,
12.9559


 75.3577, 61.6380,
46.0223

 18.6135, 12.9717,
7.2678


 98.4368, 82.3305,
63.7735

 11.4937, 7.4090,
3.5492


 125.8038,
107.2022, 85.5870

 6.4696, 3.7192,
1.3814

157.8241,
136.6374, 111.8811

 3.1761, 1.5178,
0.1272

194.8630,
171.0206, 143.0744

 1.2475, 0.3012,
0.0000

237.2859,

 0.1434, 0.0000,

210.7361, 179.5855

0.0000

285.4581,
256.1684, 221.8329

■ 0.0000, 0.0000,
0.0000

■ 40.6019, 31.2529,
21.0320

■ 40.6019, 31.2529,
21.0320

■ 37.0854, 26.0885,
14.0993

■ 44.9865, 37.6567,
29.7861

■ 34.3769, 22.0789,
8.8581

■ 50.2891, 45.3677,
40.4759

■ 32.4128, 19.1366,
5.1639


■ 56.5586, 54.4547,
53.2082

■ 31.1185, 17.1595,
2.8475

■ 63.8399, 64.9800,
68.0817

■ 30.4025, 16.0249,
1.6918

■ 72.1750, 77.0025,
85.1884

 30.2658, 15.8128,
1.4570

 81.6035, 90.5773,
104.6152

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



42.2626, 31.2529, 34.9455



40.6019, 31.2529, 21.0320



35.9265, 31.2529, 13.4805

Triad

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



40.6019, 31.2529, 21.0320



21.2085, 31.2529, 19.9110



29.3889, 31.2529, 76.8141

Complementary

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



40.6019, 31.2529, 21.0320



45.2106, 58.2345, 77.9647

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.



24.2466, 31.2529, 68.9773



40.6019, 31.2529, 21.0320



19.9194, 31.2529, 33.1289

Square

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



40.6019, 31.2529, 21.0320



24.7295, 31.2529, 12.9965



20.9562, 31.2529, 51.5098



35.3066, 31.2529, 70.4424

Rectangle

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



40.6019, 31.2529, 21.0320



32.0041, 31.2529, 11.3987



20.9562, 31.2529, 51.5098



27.5186, 31.2529, 75.7159

Sweetspot

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



40.6027, 31.2545, 21.0326



80.0177, 78.2943, 78.1200



49.1011, 33.4860, 69.3848



16.6852, 16.1189, 15.8198



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.



40.6027, 31.2545, 21.0326



50.9460, 35.9747, 19.6464



48.7633, 47.5756, 23.7528



13.7704, 13.8268, 14.2498



18.0035, 9.4448, 0.8741



1.2706, 0.7001, 0.0682

Inverse Universe

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



45.2106, 58.2345, 77.9647



57.9432, 77.0492, 106.4258



34.0753, 35.9639, 74.2529



14.0452, 15.4296, 17.6256



21.4296, 30.3287, 45.7729



1.5063, 2.1441, 3.1797

Previews

White Background



This preview shows how the XYZ color 40.6019, 31.2529, 21.0320 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 40.6019, 31.2529, 21.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

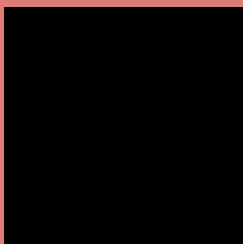
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6019, 31.2529, 21.0320

Background



This preview shows how black text looks on a background with the XYZ color 40.6019, 31.2529, 21.0320.



This preview shows how white text looks on a background with the XYZ color 40.6019, 31.2529,

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

40.6019, 31.2529, 21.0320

Protanopia

29.8222, 31.5687, 25.9943

Deuteranopia

31.9066, 31.3564, 20.2903



Tritanopia

41.4877, 31.2457, 25.3171

Trichromacy



Original Color

40.6019, 31.2529, 21.0320

Protanomaly

32.9673, 30.9196, 23.9692

Deuteranomaly

34.6887, 31.0169, 20.3782

Tritanomaly

41.2803, 31.3603, 23.6161

Monochromacy



Original Color

40.6019, 31.2529, 21.0320

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.7667, 30.7044, 29.0105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6019, 31.2529, 21.0320 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(222, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(222, 124, 118)  
}
```

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(222, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 40.6019, 31.2529, 21.0320 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(222, 124, 118) }
```


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

```
.border{ border-color:rgb(222, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 124, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 124, 118); box-shadow:4px 4px 4px 4px rgb(222, 124, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6019, 31.2529, 21.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 124, 118) }
```

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

```
.background{ background-color: rgb(222,  
124, 118) }
```

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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