

Converting Colors

XYZ(40.8429, 29.7174, 19.2792)

Have a look what the booklet for
XYZ(40.8429, 29.7174, 19.2792)
contains.

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Color

**XYZ(40.6765, 29.5578,
19.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	E37271
RGB	227, 114, 113
RGB Percent	89%, 45%, 44%
CMY	0.1098, 0.5529, 0.5569
CMYK	0.00, 0.50, 0.50, 0.11
HSL	1°, 67%, 67%
HSV	1°, 50%, 89%
XYZ	40.6765, 29.5578, 19.1841
YIQ	147.6730, 67.6690, 23.6450

Conversions

Conversions Part 2

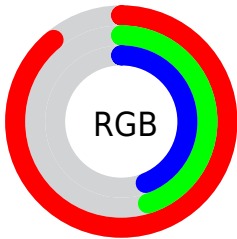
Format	Color
R _Y B	227, 114, 113
Decimal	14905969
CIE Lab	61.27, 43.73, 21.10
CIE LCh	61, 48.557, 25.761
Yxy	29.5578, 0.4549, 0.3306
Android (android.graphics.Color)	4293096049 (0xFFE37271)
YUV	147.6730, -17.0938, 69.5698
Hunter-Lab	54.3671, 38.4082, 17.1357

Details

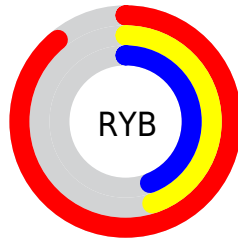
The XYZ color **40.6765, 29.5578, 19.1841** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.8698, 63.4459, 82.3960**, and the grayscale version is **28.0622, 29.5236, 32.1512**.

A 20% lighter version of the original color is **62.0342, 51.9819, 42.3613**, and **18.6131, 12.0424, 6.3444** is the 20% darker color. If you saturate the color by 10%, you get **37.3214, 24.6434, 12.5297**, and if you desaturate by 10%, it is **44.9768, 35.8513, 27.7307**.

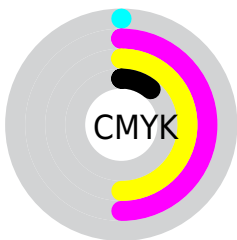
Distribution



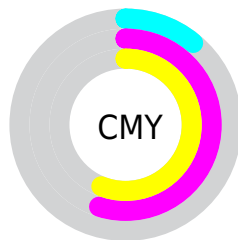
- Red (89%)
- Green (45%)
- Blue (44%)



- Red (89%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (11%)





- Cyan (11%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6765, 29.5578, 19.1841 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 40.6765, 29.5578, 19.1841 by changing the saturation by 10% instead.


 40.6765, 29.5578,
19.1841


 40.6765, 29.5578,
19.1841


340.0525,
299.8378, 259.9197


 28.2529, 19.5032,
11.6252


 75.4704, 58.9622,
42.8858

 18.6579, 12.0344,
6.3696


 98.5714, 79.0807,
59.8657

 11.5258, 6.7671,
2.9987

 125.9623,
103.3227, 80.8230

 6.4916, 3.3169,
1.0940

 158.0085,
132.0725, 106.1763

 3.1897, 1.2993,
0.0000

195.0752,
165.7145, 136.3440

 1.2549, 0.1407,
0.0000

237.5279,

 0.1490, 0.0000,

204.6331, 171.7448

0.0000

285.7318,
249.2127, 212.7972

■ 0.0000, 0.0000,
0.0000

■ 40.6765, 29.5578,
19.1841

■ 40.6765, 29.5578,
19.1841

■ 37.3214, 24.6434,
12.5297

■ 44.9768, 35.8513,
27.7307

■ 34.8383, 21.0006,
7.6225

■ 50.2838, 43.6117,
38.2966

■ 33.1472, 18.5135,
4.2990

■ 56.6562, 52.9250,
50.9997

■ 32.1520, 17.0432,
2.3643

■ 64.1478, 63.8692,
65.9485

■ 31.7002, 16.3743,
1.4898

■ 72.8086, 76.5172,
83.2441

■ 82.6857, 90.9371,
102.9813

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



42.2154, 29.5578, 34.8554



40.6765, 29.5578, 19.1841



35.5898, 29.5578, 10.9772

Triad

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



40.6765, 29.5578, 19.1841



19.1110, 29.5578, 16.1666



27.1953, 29.5578, 81.5781

Complementary

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



40.6765, 29.5578, 19.1841



47.8698, 63.4459, 82.3960

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.



21.7320, 29.5578, 70.9205



40.6765, 29.5578, 19.1841



17.5354, 29.5578, 29.6516

Square

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



40.6765, 29.5578, 19.1841



23.0848, 29.5578, 9.7557



18.4171, 29.5578, 50.0281



33.7796, 29.5578, 75.4173

Rectangle

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



40.6765, 29.5578, 19.1841



31.2258, 29.5578, 8.7055



18.4171, 29.5578, 50.0281



25.1786, 29.5578, 79.7609

Sweetspot

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



40.6772, 29.5593, 19.1846



78.5673, 75.9277, 75.9898



51.4487, 33.6873, 76.4634



16.3802, 15.6140, 15.3941



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.



40.6772, 29.5593, 19.1846



48.5235, 31.9897, 16.1875



49.0339, 46.2726, 21.9702



14.3872, 14.3882, 14.9234



18.4921, 9.5584, 0.8703



1.3701, 0.7136, 0.0655

Inverse Universe

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



47.8698, 63.4459, 82.3960



58.8601, 80.7061, 107.0833



35.0500, 37.8063, 78.1228



14.7960, 16.3134, 18.5133



23.7934, 34.6489, 47.8170



1.7618, 2.5675, 3.5347

Previews

White Background



This preview shows how the XYZ color 40.6765, 29.5578, 19.1841 looks on a white background.

Color Contrast Check

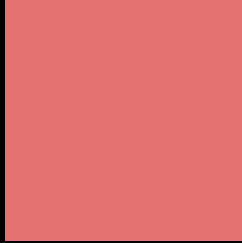
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6765, 29.5578, 19.1841 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 × Fail

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

XYZ 40.6765, 29.5578, 19.1841

Background



This preview shows how black text looks on a background with the XYZ color 40.6765, 29.5578, 19.1841.



This preview shows how white text looks on a background with the XYZ color 40.6765, 29.5578,

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

40.6765, 29.5578, 19.1841

Protanopia

28.0699, 29.7334, 25.0285

Deuteranopia

30.2843, 29.6588, 18.3159



Tritanopia

41.3512, 29.6847, 21.6394

Trichromacy



Original Color

40.6765, 29.5578, 19.1841

Protanomaly

31.4354, 28.8621, 22.6530

Deuteranomaly

33.5714, 29.2304, 18.6245

Tritanomaly

41.1701, 29.6122, 20.6854

Monochromacy



Original Color

40.6765, 29.5578, 19.1841

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.3088, 28.7047, 26.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6765, 29.5578, 19.1841 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(227, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 114, 113)  
}
```

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(227, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 114, 113) }
```

Border

The CSS property to change the border of an element to XYZ 40.6765, 29.5578, 19.1841 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(227, 114, 113) }
```


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

```
.border{ border-color:rgb(227, 114, 113) }
```

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

Here you see how a box with a 4 pixel rgb(227, 114, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(227, 114,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6765, 29.5578, 19.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 114, 113) }
```

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

```
.background{ background-color: rgb(227,  
114, 113) }
```

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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