

Converting Colors

XYZ(40.7527, 29.5018, 19.9303)

Have a look what the booklet for
XYZ(40.7527, 29.5018, 19.9303)
contains.

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Color

**XYZ(40.8483, 29.6265,
20.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	E37274
RGB	227, 114, 116
RGB Percent	89%, 45%, 45%
CMY	0.1098, 0.5529, 0.5451
CMYK	0.00, 0.50, 0.49, 0.11
HSL	359°, 67%, 67%
HSV	359°, 50%, 89%
XYZ	40.8483, 29.6265, 20.0885
YIQ	148.0150, 66.7060, 24.5780

Conversions

Conversions Part 2

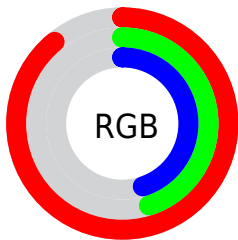
Format	Color
R _Y B	227, 114, 116
Decimal	14905972
CIE Lab	61.33, 44.00, 19.47
CIE LCh	61, 48.119, 23.870
Yxy	29.6265, 0.4510, 0.3271
Android (android.graphics.Color)	4293096052 (0xFFE37274)
YUV	148.0150, -15.7834, 69.2698
Hunter-Lab	54.4302, 38.7061, 16.2191

Details

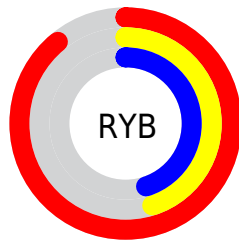
The XYZ color **40.8483, 29.6265, 20.0885** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.0008, 63.9526, 81.0527**, and the grayscale version is **28.1997, 29.6683, 32.3088**.

A 20% lighter version of the original color is **62.3105, 52.0924, 43.8165**, and **18.7024, 12.0781, 6.8144** is the 20% darker color. If you saturate the color by 10%, you get **37.4529, 24.6684, 13.3070**, and if you desaturate by 10%, it is **45.1918, 35.9827, 28.7224**.

Distribution



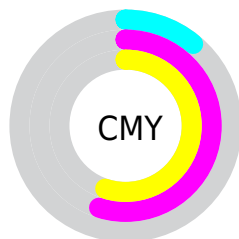
- Red (89%)
- Green (45%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8483, 29.6265, 20.0885 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 40.8483, 29.6265, 20.0885 by changing the saturation by 10% instead.


 40.8483, 29.6265,
20.0885


 40.8483, 29.6265,
20.0885


340.7596,
300.1596, 265.0139


 28.3877, 19.5553,
12.2747


 75.7297, 59.0710,
44.4264

 18.7601, 12.0722,
6.8062


 98.8813, 79.2131,
61.7876

 11.6000, 6.7929,
3.2646


 126.3272,
103.4809, 83.1683

 6.5422, 3.3329,
1.2313

158.4328,
132.2588, 108.9871

 3.2212, 1.3079,
0.0045

195.5635,
165.9312, 139.6625

 1.2718, 0.1473,
0.0000

238.0846,

 0.1620, 0.0000,

204.8826, 175.6131

0.0000

286.3616,
249.4972, 217.2574

■ 0.0000, 0.0000,
0.0000

■ 40.8483, 29.6265,
20.0885

■ 40.8483, 29.6265,
20.0885

■ 37.4529, 24.6684,
13.3070

■ 45.1918, 35.9827,
28.7224

■ 34.9328, 20.9990,
8.2411

■ 50.5445, 43.8265,
39.3288

■ 33.2084, 18.5002,
4.7377


■ 56.9651, 53.2453,
52.0197


■ 32.1846, 17.0301,
2.6158


■ 64.5071, 64.3186,
66.8982

■ 31.7087, 16.3517,
1.6143

■ 73.2204, 77.1204,
84.0605

 31.7005, 16.3397,
1.5981

 83.1520, 91.7202,
103.5972

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



42.1084, 29.6265, 36.1335



40.8483, 29.6265, 20.0885



35.9791, 29.6265, 11.4728

Triad

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



40.8483, 29.6265, 20.0885



19.4131, 29.6265, 15.7363



26.8768, 29.6265, 80.9367

Complementary

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



40.8483, 29.6265, 20.0885



48.0008, 63.9526, 81.0527

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.



21.5632, 29.6265, 69.4894



40.8483, 29.6265, 20.0885



17.6907, 29.6265, 28.6704

Square

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



40.8483, 29.6265, 20.0885



23.5068, 29.6265, 9.7006



18.4144, 29.6265, 48.5561



33.3879, 29.6265, 75.8978

Rectangle

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



40.8483, 29.6265, 20.0885



31.6849, 29.6265, 8.9947



18.4144, 29.6265, 48.5561



24.9051, 29.6265, 78.7861

Sweetspot

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



40.8490, 29.6280, 20.0890



78.5682, 75.7888, 76.4235



50.3866, 33.3073, 76.4462



16.3804, 15.5812, 15.4966



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.



40.8490, 29.6280, 20.0890



48.5258, 31.7765, 16.8597



48.4868, 45.0871, 22.0688



14.3873, 14.3721, 14.9738



18.4923, 9.5311, 0.9555



1.3702, 0.7058, 0.0899

Inverse Universe

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



40.8490, 29.6280, 20.0890



48.5258, 31.7765, 16.8597



35.9937, 39.5004, 78.4002



14.3873, 14.3721, 14.9738



18.4923, 9.5311, 0.9555



1.3702, 0.7058, 0.0899

Previews

White Background



This preview shows how the XYZ color 40.8483, 29.6265, 20.0885 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 40.8483, 29.6265, 20.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

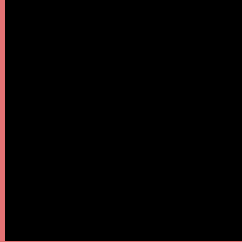
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.8483, 29.6265, 20.0885

Background



This preview shows how black text looks on a background with the XYZ color 40.8483, 29.6265, 20.0885.



This preview shows how white text looks on a background with the XYZ color 40.8483, 29.6265,

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

40.8483, 29.6265, 20.0885

Protanopia

28.2723, 29.8143, 26.0944

Deuteranopia

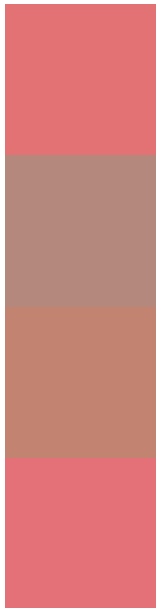
30.2214, 29.6077, 19.1609



Tritanopia

41.0349, 29.5216, 21.6246

Trichromacy



Original Color

40.8483, 29.6265, 20.0885

Protanomaly

31.6261, 28.9384, 23.6575

Deuteranomaly

33.4800, 29.1641, 19.4874

Tritanomaly

40.9135, 29.4731, 20.9853

Monochromacy



Original Color

40.8483, 29.6265, 20.0885

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.3796, 28.7330, 27.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8483, 29.6265, 20.0885 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(227, 114, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 114, 116) }
```

Border

The CSS property to change the border of an element to XYZ 40.8483, 29.6265, 20.0885 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, 116) }
```


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

```
.border{ border-color:rgb(227, 114, 116) }
```

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, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(227, 114,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8483, 29.6265, 20.0885 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, 116) }
```

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

```
.background{ background-color: rgb(227,  
114, 116) }
```

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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