

Converting Colors

XYZ(41.6654, 28.3085, 20.0977)

Have a look what the booklet for
XYZ(41.6654, 28.3085, 20.0977)
contains.

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Color

**XYZ(41.6654, 28.3085,
20.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	E96775
RGB	233, 103, 117
RGB Percent	91%, 40%, 46%
CMY	0.0863, 0.5960, 0.5412
CMYK	0.00, 0.56, 0.50, 0.09
HSL	354°, 75%, 66%
HSV	354°, 56%, 91%
XYZ	41.6654, 28.3085, 20.0977
YIQ	143.4660, 72.9860, 31.9140

Conversions

Conversions Part 2

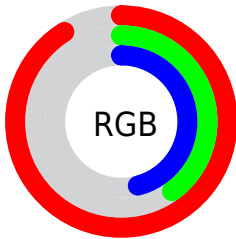
Format	Color
R _Y B	233, 103, 117
Decimal	15296373
CIE Lab	60.17, 51.52, 17.45
CIE LCh	60, 54.394, 18.708
Yxy	28.3085, 0.4626, 0.3143
Android (android.graphics.Color)	4293486453 (0xFFE96775)
YUV	143.4660, -13.0477, 78.5213
Hunter-Lab	53.2057, 46.6733, 14.8481

Details

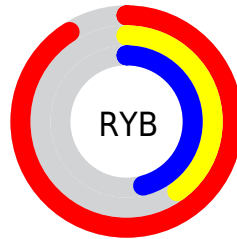
The XYZ color **41.6654, 28.3085, 20.0977** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.5203, 66.2765, 77.3105**, and the grayscale version is **26.3259, 27.6969, 30.1620**.

A 20% lighter version of the original color is **60.6283, 48.5783, 43.7172**, and **19.3647, 11.4278, 6.8154** is the 20% darker color. If you saturate the color by 10%, you get **38.5724, 23.8666, 13.6906**, and if you desaturate by 10%, it is **45.6769, 34.1531, 28.1509**.

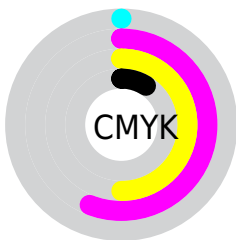
Distribution



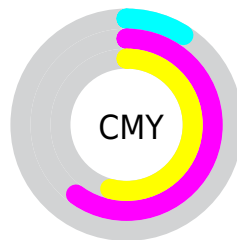
- Red (91%)
- Green (40%)
- Blue (46%)



- Red (91%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (56%)
- Yellow (50%)
- Black (9%)




- Cyan (9%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6654, 28.3085, 20.0977 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 41.6654, 28.3085, 20.0977 by changing the saturation by 10% instead.


 41.6654, 28.3085,
20.0977


 41.6654, 28.3085,
20.0977


344.1093,
293.9381, 265.0652

 29.0293, 18.5583,
12.2813


 76.9613, 56.9766,
44.4420


 19.2474, 11.3516,
6.8107


 100.3519, 76.6633,
61.8071

 11.9543, 6.3038,
3.2673


 128.0580,
100.4310, 83.1921

 6.7845, 3.0307,
1.2327

 160.4450,
128.6641, 109.0155

 3.3728, 1.1478,
0.0057

197.8783,
161.7470, 139.6961

 1.3539, 0.0184,
0.0000

240.7232,

 0.2230, 0.0000,

200.0640, 175.6522

0.0000

289.3451,
243.9996, 217.3024

■ 0.0000, 0.0000,
0.0000

■ 41.6654, 28.3085,
20.0977

■ 41.6654, 28.3085,
20.0977

■ 38.5724, 23.8666,
13.6906

■ 45.6769, 34.1531,
28.1509

■ 36.3225, 20.7054,
8.8138

■ 50.6700, 41.5001,
37.9519

■ 34.8316, 18.6895,
5.3391

■ 56.7049, 50.4453,
49.5959

■ 33.9969, 17.6510,
3.1160

■ 63.8360, 61.0752,
63.1709

■ 33.7805, 17.3941,
2.5013

■ 72.1142, 73.4703,
78.7591

■ 81.5870, 87.7056,
96.4379

■ 87.4141, 96.0636,
108.5426

Harmonies

Analogous

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



42.2676, 28.3085, 38.9473



41.6654, 28.3085, 20.0977



36.7317, 28.3085, 10.0720

Triad

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



41.6654, 28.3085, 20.0977



18.0568, 28.3085, 11.8273



24.3718, 28.3085, 85.7057

Complementary

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



41.6654, 28.3085, 20.0977



47.5203, 66.2765, 77.3105

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.



19.0109, 28.3085, 69.4871



41.6654, 28.3085, 20.0977



15.8069, 28.3085, 23.9154

Square

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



41.6654, 28.3085, 20.0977



22.8406, 28.3085, 6.9166



16.1231, 28.3085, 44.8130



31.4281, 28.3085, 83.1949

Rectangle

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



41.6654, 28.3085, 20.0977



32.0606, 28.3085, 7.1370



16.1231, 28.3085, 44.8130



22.3365, 28.3085, 82.0554

Sweetspot

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



41.6661, 28.3100, 20.0982



77.1317, 73.1464, 75.2338



48.4228, 30.4651, 80.4187



16.1151, 15.0679, 15.3550



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.



41.6661, 28.3100, 20.0982



46.8472, 28.5940, 15.7616



47.4175, 41.0325, 18.2549



15.1314, 15.0804, 15.9771



19.1895, 9.8785, 1.5336



1.5289, 0.7845, 0.2364

Inverse Universe

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



41.6661, 28.3100, 20.0982



46.8472, 28.5940, 15.7616



37.2708, 42.7041, 83.3688



15.1314, 15.0804, 15.9771



19.1895, 9.8785, 1.5336



1.5289, 0.7845, 0.2364

Previews

White Background



This preview shows how the XYZ color 41.6654, 28.3085, 20.0977 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 41.6654, 28.3085, 20.0977 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 41.6654, 28.3085, 20.0977

Background



This preview shows how black text looks on a background with the XYZ color 41.6654, 28.3085, 20.0977.



This preview shows how white text looks on a background with the XYZ color 41.6654, 28.3085,

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

41.6654, 28.3085, 20.0977

Protanopia

27.2905, 28.5698, 28.1209

Deuteranopia

29.0419, 28.5618, 19.0212



Tritanopia

41.4238, 28.3720, 18.3320

Trichromacy



Original Color

41.6654, 28.3085, 20.0977

Protanomaly

30.8343, 27.2803, 24.7596

Deuteranomaly

32.8181, 27.8403, 19.2668

Tritanomaly

41.5352, 28.4165, 18.9186

Monochromacy



Original Color

41.6654, 28.3085, 20.0977

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.9267, 26.3897, 26.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6654, 28.3085, 20.0977 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(233, 103, 117)` looks like.

```
.text, #text, p{  
    color:rgb(233, 103, 117)  
}
```

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(233, 103, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 103, 117) }
```

Border

The CSS property to change the border of an element to XYZ 41.6654, 28.3085, 20.0977 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(233, 103, 117) }
```


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

```
.border{ border-color:rgb(233, 103, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 103, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 103, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 103, 117);  
box-shadow:4px 4px 4px 4px rgb(233, 103,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6654, 28.3085, 20.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 103, 117) }
```

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

```
.background{ background-color: rgb(233,  
103, 117) }
```

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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