

Converting Colors

XYZ(40.4305, 25.7775, 13.9603)

Have a look what the booklet for
XYZ(40.4305, 25.7775, 13.9603)
contains.

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Color

**XYZ(40.5261, 25.8285,
13.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5860
RGB	237, 88, 96
RGB Percent	93%, 35%, 38%
CMY	0.0706, 0.6549, 0.6235
CMYK	0.00, 0.63, 0.59, 0.07
HSL	357°, 81%, 64%
HSV	357°, 63%, 93%
XYZ	40.5261, 25.8285, 13.9158
YIQ	133.4630, 86.2360, 34.0760

Conversions

Conversions Part 2

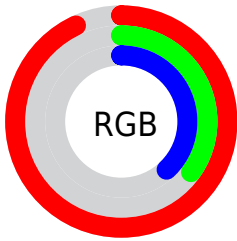
Format	Color
R _Y B	237, 88, 96
Decimal	15554656
CIE Lab	57.87, 57.91, 26.63
CIE LCh	58, 63.736, 24.693
Yxy	25.8285, 0.5049, 0.3218
Android (android.graphics.Color)	4293744736 (0xFFED5860)
YUV	133.4630, -18.4693, 90.8019
Hunter-Lab	50.8217, 53.4008, 19.3407

Details

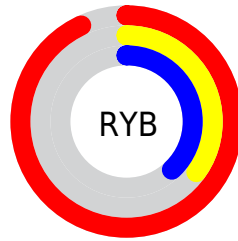
The XYZ color **40.5261, 25.8285, 13.9158** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **48.4534, 68.3008, 84.7641**, and the grayscale version is **22.5077, 23.6798, 25.7873**.

A 20% lighter version of the original color is **56.4016, 43.2818, 32.5757**, and **18.6026, 10.0395, 3.9750** is the 20% darker color. If you saturate the color by 10%, you get **37.9974, 22.1949, 8.6846**, and if you desaturate by 10%, it is **43.9826, 30.8470, 20.9096**.

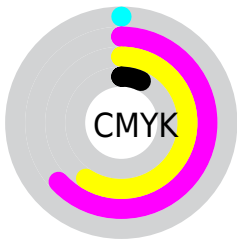
Distribution



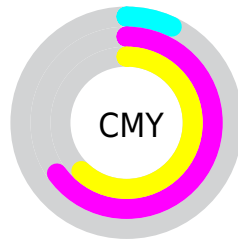
- Red (93%)
- Green (35%)
- Blue (38%)



- Red (93%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (59%)
- Black (7%)





- Cyan (7%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5261, 25.8285, 13.9158 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 40.5261, 25.8285, 13.9158 by changing the saturation by 10% instead.


 40.5261, 25.8285,
13.9158


 40.5261, 25.8285,
13.9158


339.4326,
281.9392, 228.1166

 28.1350, 16.6954,
7.9240


 75.2432, 52.9981,
33.6545

 18.5684, 10.0175,
3.9593


 98.3000, 71.8035,
48.2386

 11.4610, 5.4106,
1.6030


 125.6427, 94.6016,
66.5238

 6.4474, 2.4901,
0.2930

 157.6367,
121.7771, 88.9288

 3.1622, 0.8717,
0.0000

194.6473,
153.7141, 115.8720

 1.2401, 0.0000,
0.0000

237.0399,

 0.1377, 0.0000,

190.7973, 147.7720

0.0000

285.1799,
233.4108, 185.0473

■ 0.0000, 0.0000,
0.0000

■ 40.5261, 25.8285,
13.9158

■ 40.5261, 25.8285,
13.9158

■ 37.9974, 22.1949,
8.6846

■ 43.9826, 30.8470,
20.9096

■ 36.3051, 19.8037,
5.0576

■ 48.4432, 37.3657,
29.8031


■ 35.3422, 18.4898,
2.8501

■ 53.9784, 45.4929,
40.7214


■ 34.9957, 18.0328,
2.0073

■ 60.6517, 55.3258,
53.7784

■ 68.5219, 66.9537,
69.0796

 77.6435, 80.4599,
86.7237

 88.0677, 95.9222,
106.8033

 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



42.3473, 25.8285, 32.2111



40.5261, 25.8285, 13.9158



34.0928, 25.8285, 5.8240

Triad

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



40.5261, 25.8285, 13.9158



14.3772, 25.8285, 10.0990



23.2109, 25.8285, 94.5849

Complementary

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



40.5261, 25.8285, 13.9158



48.4534, 68.3008, 84.7641

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.



16.9769, 25.8285, 78.5607



40.5261, 25.8285, 13.9158



12.6020, 25.8285, 24.3960

Square

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



40.5261, 25.8285, 13.9158



18.8914, 25.8285, 4.5613



13.4438, 25.8285, 49.7039



31.2369, 25.8285, 86.5631

Rectangle

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



40.5261, 25.8285, 13.9158



28.6501, 25.8285, 3.8940



13.4438, 25.8285, 49.7039



20.8596, 25.8285, 91.6599

Sweetspot

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



40.5267, 25.8300, 13.9162



74.9710, 70.2787, 70.0320



50.4761, 29.4371, 83.1419



15.4992, 14.2339, 13.9232



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.



40.5267, 25.8300, 13.9162



44.2956, 25.3932, 9.0468



48.0080, 41.3517, 14.6859



15.0982, 15.0671, 15.8025



19.1210, 9.8511, 1.1725



1.5130, 0.7782, 0.1529

Inverse Universe

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



40.5267, 25.8300, 13.9162



44.2956, 25.3932, 9.0468



34.1472, 37.8612, 85.6286



15.0982, 15.0671, 15.8025



19.1210, 9.8511, 1.1725



1.5130, 0.7782, 0.1529

Previews

White Background



This preview shows how the XYZ color 40.5261, 25.8285, 13.9158 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 40.5261, 25.8285, 13.9158 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 40.5261, 25.8285, 13.9158

Background



This preview shows how black text looks on a background with the XYZ color 40.5261, 25.8285, 13.9158.



This preview shows how white text looks on a background with the XYZ color 40.5261, 25.8285,

13.9158.

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

40.5261, 25.8285, 13.9158

Protanopia

24.5353, 25.9763, 20.8603

Deuteranopia

26.3391, 25.8212, 13.0470



Tritanopia

40.4352, 25.7921, 13.4369

Trichromacy



Original Color

40.5261, 25.8285, 13.9158

Protanomaly

28.3533, 24.2620, 17.9405

Deuteranomaly

30.2854, 24.8327, 13.3222

Tritanomaly

40.4803, 25.8102, 13.6748

Monochromacy



Original Color

40.5261, 25.8285, 13.9158

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.5460, 22.7366, 20.7588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5261, 25.8285, 13.9158 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(237, 88, 96)` looks like.

```
.text, #text, p{  
    color:rgb(237, 88, 96)  
}
```

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(237, 88, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 88, 96) }
```

Border

The CSS property to change the border of an element to XYZ 40.5261, 25.8285, 13.9158 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(237, 88, 96) }
```


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

```
.border{ border-color:rgb(237, 88, 96) }
```

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

Here you see how a box with a 4 pixel rgb(237, 88, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 88, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 88, 96);  
box-shadow:4px 4px 4px 4px rgb(237, 88,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5261, 25.8285, 13.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 88, 96) }
```

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

```
.background{ background-color: rgb(237, 88,  
96) }
```

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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