

Converting Colors

XYZ(42.5416, 27.8329, 11.0511)

Have a look what the booklet for
XYZ(42.5416, 27.8329, 11.0511)
contains.

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Color

**XYZ(42.5773, 27.8483,
11.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	F35F52
RGB	243, 95, 82
RGB Percent	95%, 37%, 32%
CMY	0.0471, 0.6274, 0.6784
CMYK	0.00, 0.61, 0.66, 0.05
HSL	5°, 87%, 64%
HSV	5°, 66%, 95%
XYZ	42.5773, 27.8483, 11.1138
YIQ	137.7700, 92.3810, 27.3330

Conversions

Conversions Part 2

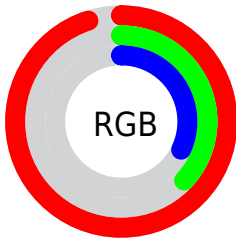
Format	Color
R _Y B	243, 96, 82
Decimal	15949650
CIE Lab	59.75, 56.06, 37.14
CIE LCh	60, 67.245, 33.523
Yxy	27.8483, 0.5222, 0.3415
Android (android.graphics.Color)	4294139730 (0xFFFF35F52)
YUV	137.7700, -27.4946, 92.2867
Hunter-Lab	52.7715, 51.6680, 24.4534

Details

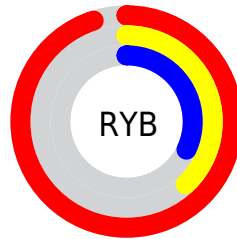
The XYZ color **42.5773, 27.8483, 11.1138** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **47.9515, 64.8532, 94.7840**, and the grayscale version is **24.1478, 25.4053, 27.6664**.

A 20% lighter version of the original color is **56.4715, 45.0592, 27.5507**, and **19.7717, 11.0924, 2.7680** is the 20% darker color. If you saturate the color by 10%, you get **40.0791, 24.0792, 6.4986**, and if you desaturate by 10%, it is **45.9807, 32.9048, 17.6456**.

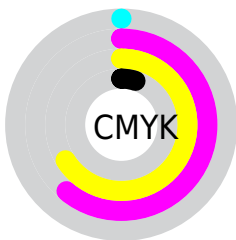
Distribution



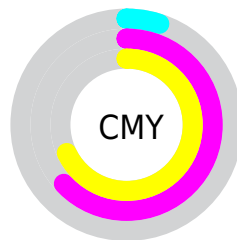
- Red (95%)
- Green (37%)
- Blue (32%)



- Red (95%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (5%)



- Cyan (5%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5773, 27.8483, 11.1138 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 42.5773, 27.8483, 11.1138 by changing the saturation by 10% instead.

■ 42.5773, 27.8483,
11.1138

■ 42.5773, 27.8483,
11.1138

347.8216,
291.7413, 209.2120

■ 29.7467, 18.2113,
6.0283

■ 78.3323, 56.2422,
28.5103

■ 19.7935, 11.1018,
2.7932

■ 101.9874, 75.7678,
41.6583

■ 12.3524, 6.1354,
0.9900

■ 129.9813, 99.3585,
58.3310

■ 7.0581, 2.9276,
0.0000

■ 162.6795,
127.3987, 78.9467

■ 3.5451, 1.0940,
0.0000

■ 200.4473,
160.2726, 103.9242

■ 1.4481, 0.0000,
0.0000

243.6500,

■ 0.2901, 0.0000,

198.3648, 133.6819

0.0000

292.6529,
242.0596, 168.6383

■ 0.0000, 0.0000,
0.0000

■ 42.5773, 27.8483,
11.1138

■ 42.5773, 27.8483,
11.1138

■ 40.0791, 24.0792,
6.4986

■ 45.9807, 32.9048,
17.6456

■ 38.3971, 21.4767,
3.5901

■ 50.3633, 39.3459,
26.2712


■ 37.4270, 19.9050,
2.1308


■ 55.7936, 47.2651,
37.1490


■ 37.2056, 19.5420,
1.8110

■ 62.3333, 56.7462,
50.4220

■ 70.0393, 67.8667,
66.2212

 78.9649, 80.6992,
84.6681

 89.1597, 95.3117,
105.8765

 90.7719, 97.7945,
108.6998

Harmonies

Analogous

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



46.3771, 27.8483, 27.5342



42.5773, 27.8483, 11.1138



34.4501, 27.8483, 4.7516

Triad

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



42.5773, 27.8483, 11.1138



14.3632, 27.8483, 13.8673



27.4866, 27.8483, 105.2083

Complementary

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



42.5773, 27.8483, 11.1138



47.9515, 64.8532, 94.7840

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.



19.8268, 27.8483, 94.5350



42.5773, 27.8483, 11.1138



13.2715, 27.8483, 33.2920

Square

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



42.5773, 27.8483, 11.1138



18.4256, 27.8483, 5.6382



15.0422, 27.8483, 64.2404



36.5669, 27.8483, 88.5251

Rectangle

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



42.5773, 27.8483, 11.1138



28.3570, 27.8483, 3.5328



15.0422, 27.8483, 64.2404



24.6667, 27.8483, 104.7268

Sweetspot

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



42.5779, 27.8499, 11.1143



74.7244, 70.7903, 66.8522



54.5825, 30.9306, 79.6355



15.4773, 14.4061, 13.2498



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.



42.5779, 27.8499, 11.1143



43.8735, 25.5710, 5.7553



53.4732, 49.6404, 14.7460



16.6067, 16.6975, 17.1452



20.4576, 10.8007, 1.0065



1.8344, 1.0220, 0.1006

Inverse Universe

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



47.9515, 64.8532, 94.7840



50.1405, 69.3743, 105.3556



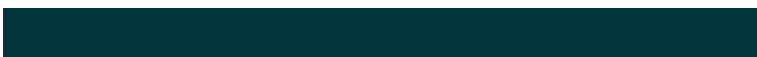
30.8477, 30.6457, 89.0827



16.8755, 18.5152, 21.2269



23.4624, 32.7186, 51.6167



2.0954, 2.9422, 4.5477

Previews

White Background



This preview shows how the XYZ color 42.5773, 27.8483, 11.1138 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 42.5773, 27.8483, 11.1138 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 42.5773, 27.8483, 11.1138

Background



This preview shows how black text looks on a background with the XYZ color 42.5773, 27.8483, 11.1138.



This preview shows how white text looks on a background with the XYZ color 42.5773, 27.8483,

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

42.5773, 27.8483, 11.1138

Protanopia

26.0325, 27.9540, 16.3355

Deuteranopia

28.4560, 28.0185, 10.3869



Tritanopia

43.4272, 27.9436, 14.6601

Trichromacy



Original Color

42.5773, 27.8483, 11.1138

Protanomaly

30.2203, 26.4212, 14.0967

Deuteranomaly

32.3865, 26.8724, 10.5011

Tritanomaly

43.2427, 28.0112, 13.2528

Monochromacy



Original Color

42.5773, 27.8483, 11.1138

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.1340, 24.4572, 20.3774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5773, 27.8483, 11.1138 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(243, 95, 82)` looks like.

```
.text, #text, p{  
    color:rgb(243, 95, 82)  
}
```

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(243, 95, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 95, 82) }
```

Border

The CSS property to change the border of an element to XYZ 42.5773, 27.8483, 11.1138 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(243, 95, 82) }
```


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

```
.border{ border-color:rgb(243, 95, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 95, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 95, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 95, 82);  
box-shadow:4px 4px 4px 4px rgb(243, 95,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5773, 27.8483, 11.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 95, 82) }
```

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

```
.background{ background-color: rgb(243, 95,  
82) }
```

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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