

Converting Colors

XYZ(42.4699, 27.3590, 13.1802)

Have a look what the booklet for
XYZ(42.4699, 27.3590, 13.1802)
contains.

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Color

**XYZ(42.3769, 27.3042,
13.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	F25C5C
RGB	242, 92, 92
RGB Percent	95%, 36%, 36%
CMY	0.0510, 0.6392, 0.6392
CMYK	0.00, 0.62, 0.62, 0.05
HSL	0°, 85%, 65%
HSV	0°, 62%, 95%
XYZ	42.3769, 27.3042, 13.1620
YIQ	136.8500, 89.4000, 31.8000

Conversions

Conversions Part 2

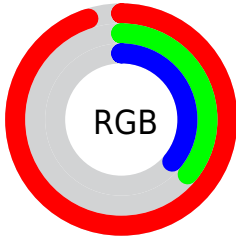
Format	Color
R_{YB}	242, 92, 92
Decimal	15883356
CIE _{Lab}	59.25, 57.60, 30.86
CIE _{LCh}	59, 65.346, 28.181
Yxy	27.3042, 0.5115, 0.3296
Android (android.graphics.Color)	4294073436 (0xFFFF25C5C)
YUV	136.8500, -22.1110, 92.2166
Hunter-Lab	52.2534, 53.3179, 21.6430

Details

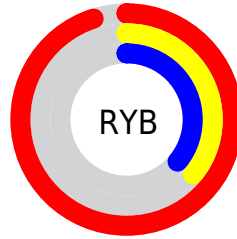
The XYZ color **42.3769, 27.3042, 13.1620** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **52.1904, 72.1855, 95.1866**, and the grayscale version is **23.7795, 25.0179, 27.2445**.

A 20% lighter version of the original color is **56.7124, 44.3928, 31.1708**, and **19.5735, 10.7609, 3.6302** is the 20% darker color. If you saturate the color by 10%, you get **39.7108, 23.4034, 7.8614**, and if you desaturate by 10%, it is **46.0513, 32.6815, 20.4654**.

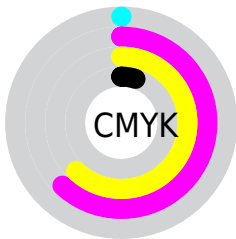
Distribution



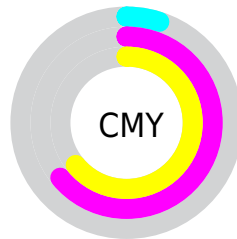
- Red (95%)
- Green (36%)
- Blue (36%)



- Red (95%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (5%)





- Cyan (5%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3769, 27.3042, 13.1620 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 42.3769, 27.3042, 13.1620 by changing the saturation by 10% instead.


 42.3769, 27.3042,
13.1620


 42.3769, 27.3042,
13.1620


347.0081,
289.1270, 223.1975


 29.5889, 17.8018,
7.4082

 78.0313, 55.3716,
32.2900


 19.6733, 10.8078,
3.6364

 101.6285, 74.7055,
46.5012

 12.2647, 5.9377,
1.4280

 129.5594, 98.0852,
64.3686

 6.9977, 2.8073,
0.1634

 162.1895,
125.8953, 86.3107

 3.5070, 1.0320,
0.0000

199.8840,
158.5202, 112.7461

 1.4272, 0.0000,
0.0000

243.0084,

 0.2755, 0.0000,

196.3441, 144.0934

0.0000

291.9279,
239.7516, 180.7710

■ 0.0000, 0.0000,
0.0000

■ 42.3769, 27.3042,
13.1620

■ 42.3769, 27.3042,
13.1620

■ 39.7108, 23.4034,
7.8614

■ 46.0513, 32.6815,
20.4654

■ 37.9513, 20.8286,
4.3638

■ 50.8186, 39.6576,
29.9425

■ 36.9787, 19.4054,
2.4308

■ 56.7571, 48.3473,
41.7477

■ 36.6180, 18.8775,
1.7137

■ 63.9369, 58.8535,
56.0209

■ 72.4230, 71.2710,
72.8910

■ 82.2757, 85.6882,
92.4778

■ 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



44.9962, 27.3042, 31.1782



42.3769, 27.3042, 13.1620



35.1304, 27.3042, 5.5656

Triad

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



42.3769, 27.3042, 13.1620



14.7759, 27.3042, 11.7791



25.4572, 27.3042, 101.0162

Complementary

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



42.3769, 27.3042, 13.1620



52.1904, 72.1855, 95.1866

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.



18.5298, 27.3042, 86.5609



42.3769, 27.3042, 13.1620



13.2202, 27.3042, 28.3266

Square

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



42.3769, 27.3042, 13.1620



19.2272, 27.3042, 5.1119



14.4365, 27.3042, 56.3880



34.0858, 27.3042, 89.5006

Rectangle

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



42.3769, 27.3042, 13.1620



29.2986, 27.3042, 3.8756



14.4365, 27.3042, 56.3880



22.8702, 27.3042, 98.9296

Sweetspot

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



42.3775, 27.3057, 13.1625



74.6521, 70.1521, 68.3496



56.4720, 32.9424, 87.3862



15.4242, 14.2041, 13.5274



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.



42.3775, 27.3057, 13.1625



44.1986, 25.5896, 7.8105



52.3684, 47.2875, 16.4927



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



52.1904, 72.1855, 95.1866



56.0739, 79.9024, 107.0751



34.2595, 36.3237, 89.2096



16.2474, 17.9289, 20.3259



25.6654, 37.5550, 51.0240



2.1351, 3.1243, 4.2447

Previews

White Background



This preview shows how the XYZ color 42.3769, 27.3042, 13.1620 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 42.3769, 27.3042, 13.1620 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 42.3769, 27.3042, 13.1620

Background



This preview shows how black text looks on a background with the XYZ color 42.3769, 27.3042, 13.1620.



This preview shows how white text looks on a background with the XYZ color 42.3769, 27.3042,

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

42.3769, 27.3042, 13.1620

Protanopia

25.7520, 27.5126, 19.5760

Deuteranopia

28.0015, 27.5301, 12.2255



Tritanopia

42.5167, 27.2225, 14.3228

Trichromacy



Original Color

42.3769, 27.3042, 13.1620

Protanomaly

29.7650, 25.7495, 16.7660

Deuteranomaly

32.1109, 26.5050, 12.4404

Tritanomaly

42.4246, 27.1856, 13.8378

Monochromacy



Original Color

42.3769, 27.3042, 13.1620

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.9678, 24.1692, 21.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3769, 27.3042, 13.1620 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(242, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 92)  
}
```

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(242, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 92) }
```

Border

The CSS property to change the border of an element to XYZ 42.3769, 27.3042, 13.1620 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(242, 92, 92) }
```


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

```
.border{ border-color:rgb(242, 92, 92) }
```

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

Here you see how a box with a 4 pixel rgb(242, 92, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(242, 92,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3769, 27.3042, 13.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 92) }
```

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

```
.background{ background-color: rgb(242, 92,  
92) }
```

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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