

Converting Colors

XYZ(46.3487, 29.5241, 11.4395)

Have a look what the booklet for
XYZ(46.3487, 29.5241, 11.4395)
contains.

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Color

**XYZ(46.3487, 29.5241,
11.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5D53
RGB	254, 93, 83
RGB Percent	100%, 36%, 33%
CMY	0.0039, 0.6353, 0.6745
CMYK	0.00, 0.63, 0.67, 0.00
HSL	4°, 99%, 66%
HSV	4°, 67%, 100%
XYZ	46.3487, 29.5241, 11.4395
YIQ	139.9990, 99.1660, 31.0220

Conversions

Conversions Part 2

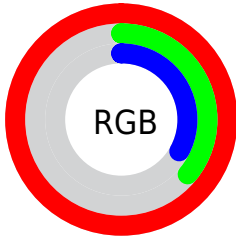
Format	Color
R_{YB}	254, 94, 83
Decimal	16670035
CIE _{Lab}	61.24, 60.62, 38.80
CIE _{LCh}	61, 71.971, 32.625
Yxy	29.5241, 0.5308, 0.3381
Android (android.graphics.Color)	4294860115 (0xFFFE5D53)
YUV	139.9990, -28.1005, 99.9789
Hunter-Lab	54.3361, 57.1724, 25.5528

Details

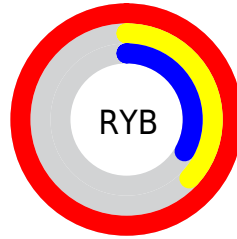
The XYZ color **46.3487, 29.5241, 11.4395** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **53.8041, 73.6897, 105.1530**, and the grayscale version is **25.0071, 26.3094, 28.6509**.

A 20% lighter version of the original color is **56.3800, 44.7661, 27.8595**, and **22.0334, 12.0093, 2.9070** is the 20% darker color. If you saturate the color by 10%, you get **43.7605, 25.6404, 6.5926**, and if you desaturate by 10%, it is **49.9533, 34.8667, 18.3966**.

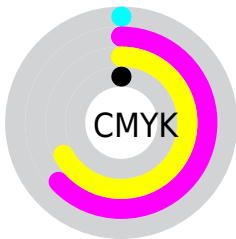
Distribution



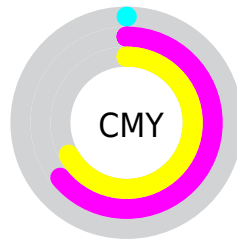
- Red (100%)
- Green (36%)
- Blue (33%)



- Red (100%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (63%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3487, 29.5241, 11.4395 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 46.3487, 29.5241, 11.4395 by changing the saturation by 10% instead.


 46.3487, 29.5241,
11.4395


 46.3487, 29.5241,
11.4395


362.9013,
299.6798, 211.5030

 32.7269, 19.4776,
6.2454


 83.9653, 58.9088,
29.1190


 22.0755, 12.0159,
2.9237


 108.6908, 79.0157,
42.4415


 14.0293, 6.7545,
1.0558


 137.8481,
103.2450, 59.3106

 8.2229, 3.3091,
0.0000

 171.8028,
131.9810, 80.1447

 4.2909, 1.2951,
0.0000

 210.9201,
165.6081, 105.3625

 1.8680, 0.1374,
0.0000

255.5653,

 0.5581, 0.0000,

204.5107, 135.3824

0.0000

306.1039,
249.0731, 170.6231

■ 0.0000, 0.0000,
0.0000

■ 46.3487, 29.5241,
11.4395

■ 46.3487, 29.5241,
11.4395

■ 43.7605, 25.6404,
6.5926

■ 49.9533, 34.8667,
18.3966

■ 42.0816, 23.0669,
3.6153

■ 54.6627, 41.7880,
27.6663


■ 41.1832, 21.6319,
2.2001

■ 60.5582, 50.4010,
39.4289

■ 41.0417, 21.4086,
1.9691

■ 67.7128, 60.8070,
53.8463

■ 76.1934, 73.0993,
71.0669

 86.0625, 87.3650,
91.2281

94.6827, 99.8107,
108.8828

Harmonies

Analogous

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



50.4494, 29.5241, 29.8185



46.3487, 29.5241, 11.4395



37.2890, 29.5241, 4.5225

Triad

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



46.3487, 29.5241, 11.4395



14.8050, 29.5241, 13.6436



28.9034, 29.5241, 117.3765

Complementary

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



46.3487, 29.5241, 11.4395



53.8041, 73.6897, 105.1530

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.



20.4980, 29.5241, 104.1935



46.3487, 29.5241, 11.4395



13.5256, 29.5241, 34.5931

Square

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



46.3487, 29.5241, 11.4395



19.3494, 29.5241, 5.1993



15.3558, 29.5241, 69.2281



39.0611, 29.5241, 99.0531

Rectangle

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



46.3487, 29.5241, 11.4395



30.4633, 29.5241, 3.2123



15.3558, 29.5241, 69.2281



25.7899, 29.5241, 116.4860

Sweetspot

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



46.3494, 29.5258, 11.4400



74.4484, 70.2382, 66.7602



60.5162, 33.8774, 90.0956



15.4127, 14.2770, 13.2282



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.



46.3494, 29.5258, 11.4400



43.4272, 24.7658, 5.3367



58.1661, 53.1592, 15.3789



18.0947, 18.1575, 18.6954



21.6707, 11.3527, 1.0491



2.1386, 1.1626, 0.1117

Inverse Universe

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



53.8041, 73.6897, 105.1530



51.3137, 71.9062, 105.7825



34.0188, 34.1191, 98.5578



18.4584, 20.2885, 23.1932



25.7638, 36.4373, 55.1098



2.5351, 3.6010, 5.3747

Previews

White Background



This preview shows how the XYZ color 46.3487, 29.5241, 11.4395 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 46.3487, 29.5241, 11.4395 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 46.3487, 29.5241, 11.4395

Background



This preview shows how black text looks on a background with the XYZ color 46.3487, 29.5241, 11.4395.



This preview shows how white text looks on a background with the XYZ color 46.3487, 29.5241,

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

46.3487, 29.5241, 11.4395

Protanopia

27.5353, 29.6327, 17.1004

Deuteranopia

30.0523, 29.4892, 10.5866



Tritanopia

47.0924, 29.5867, 14.2951

Trichromacy



Original Color

46.3487, 29.5241, 11.4395

Protanomaly

32.0786, 27.7522, 14.7323

Deuteranomaly

34.5596, 28.3610, 10.6739

Tritanomaly

46.9555, 29.6696, 13.1495

Monochromacy



Original Color

46.3487, 29.5241, 11.4395

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.4688, 25.3216, 20.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3487, 29.5241, 11.4395 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(254, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 83)  
}
```

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(254, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 83) }
```

Border

The CSS property to change the border of an element to XYZ 46.3487, 29.5241, 11.4395 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(254, 93, 83) }
```


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

```
.border{ border-color:rgb(254, 93, 83) }
```

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

Here you see how a box with a 4 pixel rgb(254, 93, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(254, 93,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3487, 29.5241, 11.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 93, 83) }
```

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

```
.background{ background-color: rgb(254, 93,  
83) }
```

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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