

Converting Colors

XYZ(43.4490, 26.6792, 11.8764)

Have a look what the booklet for
XYZ(43.4490, 26.6792, 11.8764)
contains.

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Color

**XYZ(43.4490, 26.6792,
11.8764)**

Conversions

Conversions Part 1

Format	Color
Hex	F85257
RGB	248, 82, 87
RGB Percent	97%, 32%, 34%
CMY	0.0275, 0.6784, 0.6588
CMYK	0.00, 0.67, 0.65, 0.03
HSL	358°, 92%, 65%
HSV	358°, 67%, 97%
XYZ	43.4490, 26.6792, 11.8764
YIQ	132.2040, 97.3310, 36.7470

Conversions

Conversions Part 2

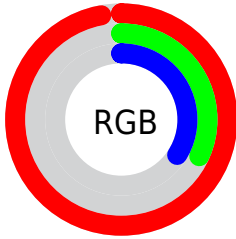
Format	Color
R_{YB}	248, 82, 87
Decimal	16274007
CIE _{Lab}	58.68, 63.29, 33.19
CIE _{LCh}	59, 71.464, 27.676
Yxy	26.6792, 0.5298, 0.3253
Android (android.graphics.Color)	4294464087 (0xFFFF85257)
YUV	132.2040, -22.2856, 101.5531
Hunter-Lab	51.6519, 59.7613, 22.5237

Details

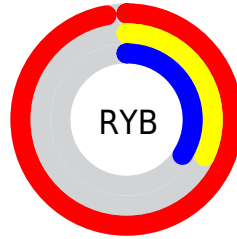
The XYZ color **43.4490, 26.6792, 11.8764** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **53.2270, 75.4004, 96.5501**, and the grayscale version is **22.0606, 23.2094, 25.2751**.

A 20% lighter version of the original color is **55.1334, 41.8223, 28.8336**, and **20.2176, 10.4226, 3.1367** is the 20% darker color. If you saturate the color by 10%, you get **41.0805, 23.2618, 7.0196**, and if you desaturate by 10%, it is **46.8215, 31.5813, 18.6829**.

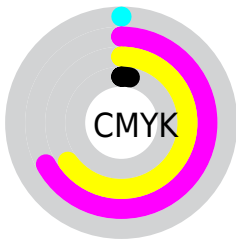
Distribution



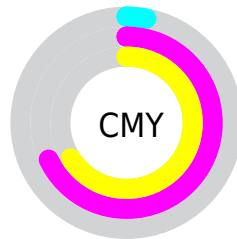
- Red (97%)
- Green (32%)
- Blue (34%)



- Red (97%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (3%)





- Cyan (3%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4490, 26.6792, 11.8764 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 43.4490, 26.6792, 11.8764 by changing the saturation by 10% instead.


 43.4490, 26.6792,
11.8764


 43.4490, 26.6792,
11.8764


351.3453,
286.1005, 214.5341


 30.4336, 17.3324,
6.5381


 79.6395, 54.3687,
29.9308

 20.3177, 10.4718,
3.1009


 103.5453, 73.4801,
43.4840


 12.7358, 5.7129,
1.1464


 131.8119, 96.6153,
60.6125

 7.3226, 2.6713,
0.0000

 164.8048,
124.1586, 81.7348

 3.7128, 0.9626,
0.0000

 202.8892,
156.4944, 107.2697

 1.5410, 0.0000,
0.0000

246.4305,

 0.3534, 0.0000,

194.0070, 137.6355

0.0000

295.7941,
237.0809, 173.2507

■ 0.0000, 0.0000,
0.0000

■ 43.4490, 26.6792,
11.8764

■ 43.4490, 26.6792,
11.8764

■ 41.0805, 23.2618,
7.0196

■ 46.8215, 31.5813,
18.6829

■ 39.6032, 21.1574,
3.9065

■ 51.2907, 38.1059,
27.6140


■ 38.8788, 20.1556,
2.2872


■ 56.9410, 46.3803,
38.8268

■ 38.7520, 19.9727,
2.0267

■ 63.8480, 56.5179,
52.4630

■ 72.0810, 68.6225,
68.6530

 81.7042, 82.7903,
87.5179

 92.5212, 98.6963,
108.7817

Harmonies

Analogous

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



46.2544, 26.6792, 31.0551



43.4490, 26.6792, 11.8764



35.5035, 26.6792, 4.3483

Triad

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



43.4490, 26.6792, 11.8764



13.5955, 26.6792, 10.1015



24.6790, 26.6792, 109.1407

Complementary

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



43.4490, 26.6792, 11.8764



53.2270, 75.4004, 96.5501

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.



17.3563, 26.6792, 92.0948



43.4490, 26.6792, 11.8764



11.9487, 26.6792, 27.1314

Square

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



43.4490, 26.6792, 11.8764



18.2941, 26.6792, 3.8184



13.1485, 26.6792, 57.8062



34.0394, 26.6792, 96.3931

Rectangle

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



43.4490, 26.6792, 11.8764



29.1363, 26.6792, 2.7860



13.1485, 26.6792, 57.8062



21.9209, 26.6792, 106.5635

Sweetspot

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



43.4496, 26.6807, 11.8768



73.9168, 68.8793, 67.4947



56.7396, 31.7734, 91.9488



15.2886, 13.9599, 13.3994



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.



43.4496, 26.6807, 11.8768



43.1656, 23.9244, 6.2310



52.7141, 45.5247, 13.9937



17.2658, 17.2337, 17.9893



20.9430, 10.7929, 1.1423



1.9469, 1.0025, 0.1437

Inverse Universe

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



43.4496, 26.6807, 11.8768



43.1656, 23.9244, 6.2310



34.8996, 37.5233, 94.2097



17.2658, 17.2337, 17.9893



20.9430, 10.7929, 1.1423



1.9469, 1.0025, 0.1437

Previews

White Background



This preview shows how the XYZ color 43.4490, 26.6792, 11.8764 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 43.4490, 26.6792, 11.8764 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 43.4490, 26.6792, 11.8764

Background



This preview shows how black text looks on a background with the XYZ color 43.4490, 26.6792, 11.8764.



This preview shows how white text looks on a background with the XYZ color 43.4490, 26.6792,

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

43.4490, 26.6792, 11.8764

Protanopia

25.1566, 26.7768, 18.8815

Deuteranopia

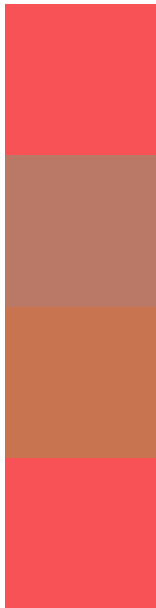
27.2727, 26.7622, 10.9359



Tritanopia

43.4490, 26.6792, 11.8764

Trichromacy



Original Color

43.4490, 26.6792, 11.8764

Protanomaly

29.3644, 24.8314, 15.8156

Deuteranomaly

31.5500, 25.3642, 11.0175

Tritanomaly

43.4490, 26.6792, 11.8764

Monochromacy



Original Color

43.4490, 26.6792, 11.8764

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.6253, 22.2943, 19.4229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4490, 26.6792, 11.8764 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(248, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(248, 82, 87)  
}
```

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(248, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 82, 87) }
```

Border

The CSS property to change the border of an element to XYZ 43.4490, 26.6792, 11.8764 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(248, 82, 87) }
```


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

```
.border{ border-color:rgb(248, 82, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 82, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(248, 82,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4490, 26.6792, 11.8764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 82, 87) }
```

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

```
.background{ background-color: rgb(248, 82,  
87) }
```

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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