

Converting Colors

XYZ(44.9335, 26.0462, 11.1807)

Have a look what the booklet for
XYZ(44.9335, 26.0462, 11.1807)
contains.

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Color

**XYZ(44.9468, 26.0501,
11.2535)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4455
RGB	255, 68, 85
RGB Percent	100%, 27%, 33%
CMY	0.0000, 0.7333, 0.6667
CMYK	0.00, 0.73, 0.67, 0.00
HSL	355°, 100%, 63%
HSV	355°, 73%, 100%
XYZ	44.9468, 26.0501, 11.2535
YIQ	125.8510, 105.9950, 44.9310

Conversions

Conversions Part 2

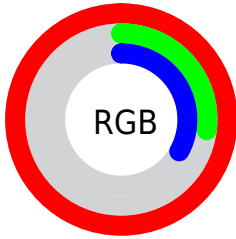
Format	Color
R_{YB}	255, 68, 85
Decimal	16729173
CIE _{Lab}	58.08, 70.21, 33.87
CIE _{LCh}	58, 77.958, 25.754
Yxy	26.0501, 0.5465, 0.3167
Android (android.graphics.Color)	4294919253 (0xFFFF4455)
YUV	125.8510, -20.1395, 113.2637
Hunter-Lab	51.0393, 67.8739, 22.6548

Details

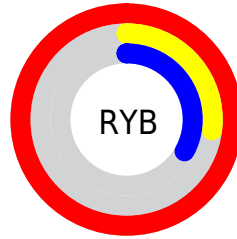
The XYZ color **44.9468, 26.0501, 11.2535** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **53.5791, 78.9228, 93.3082**, and the grayscale version is **19.8234, 20.8558, 22.7119**.

A 20% lighter version of the original color is **53.4634, 38.7098, 27.5756**, and **21.6182, 11.1004, 3.0107** is the 20% darker color. If you saturate the color by 10%, you get **42.9505, 23.2983, 6.7644**, and if you desaturate by 10%, it is **47.9159, 30.2657, 17.5551**.

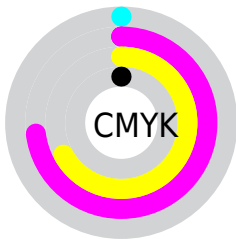
Distribution



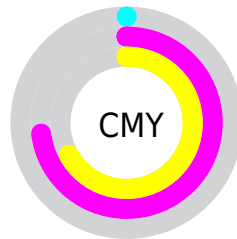
- Red (100%)
- Green (27%)
- Blue (33%)



- Red (100%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (73%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9468, 26.0501, 11.2535 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 44.9468, 26.0501, 11.2535 by changing the saturation by 10% instead.


 44.9468, 26.0501,
11.2535


 44.9468, 26.0501,
11.2535

357.3454,
283.0279, 210.1980


 31.6166, 16.8611,
6.1213


 81.8781, 53.3558,
28.7718

 21.2230, 10.1355,
2.8490


 106.2100, 72.2412,
41.9949


 13.4005, 5.4889,
1.0181


 134.9398, 95.1277,
58.7521

 7.7838, 2.5369,
0.0000

 168.4329,
122.3994, 79.4619

 4.0075, 0.8950,
0.0000

 207.0547,
154.4410, 104.5429

 1.7064, 0.0000,
0.0000

251.1704,

 0.4603, 0.0000,

191.6366, 134.4135

0.0000

301.1455,
234.3708, 169.4924

■ 0.0000, 0.0000,
0.0000

■ 44.9468, 26.0501,
11.2535

■ 44.9468, 26.0501,
11.2535

■ 42.9505, 23.2983,
6.7644

■ 47.9159, 30.2657,
17.5551

■ 41.8006, 21.8053,
3.8935


■ 51.9598, 36.1054,
25.8339


■ 41.3961, 21.3224,
2.7532

■ 57.1697, 43.7138,
36.2372

■ 63.6262, 53.2180,
48.8982

■ 71.4029, 64.7336,
63.9389

 80.5679, 78.3670,
81.4726

 91.1842, 94.2169,
101.6055

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



47.6040, 26.0501, 32.3854



44.9468, 26.0501, 11.2535



36.4307, 26.0501, 3.4503

Triad

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



44.9468, 26.0501, 11.2535



12.5914, 26.0501, 8.0271



23.4414, 26.0501, 118.0741

Complementary

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



44.9468, 26.0501, 11.2535



53.5791, 78.9228, 93.3082

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.



15.8929, 26.0501, 96.5958



44.9468, 26.0501, 11.2535



10.7212, 26.0501, 24.6904

Square

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



44.9468, 26.0501, 11.2535



17.6867, 26.0501, 2.5899



11.7553, 26.0501, 57.4435



33.5046, 26.0501, 105.5630

Rectangle

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



44.9468, 26.0501, 11.2535



29.4957, 26.0501, 1.9327



11.7553, 26.0501, 57.4435



20.5602, 26.0501, 114.3501

Sweetspot

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



44.9474, 26.0516, 11.2539



72.5391, 66.4203, 66.1217



54.8099, 29.2402, 97.3623



15.0355, 13.4881, 13.2089



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.



44.9474, 26.0516, 11.2539



42.3168, 22.4581, 5.2348



52.0772, 41.2647, 10.6911



18.0764, 18.0139, 19.0193



21.6529, 11.1505, 1.5568



2.1299, 1.0943, 0.2653

Inverse Universe

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



44.9474, 26.0516, 11.2539



42.3168, 22.4581, 5.2348



36.7974, 41.1748, 100.6153



18.0764, 18.0139, 19.0193



21.6529, 11.1505, 1.5568



2.1299, 1.0943, 0.2653

Previews

White Background



This preview shows how the XYZ color 44.9468, 26.0501, 11.2535 looks on a white background.

Color Contrast Check

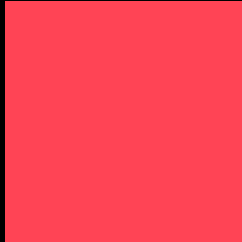
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9468, 26.0501, 11.2535 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 44.9468, 26.0501, 11.2535

Background



This preview shows how black text looks on a background with the XYZ color 44.9468, 26.0501, 11.2535.



This preview shows how white text looks on a background with the XYZ color 44.9468, 26.0501,

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

44.9468, 26.0501, 11.2535

Protanopia

24.5715, 26.2443, 19.3934

Deuteranopia

26.4521, 25.9410, 10.2695



Tritanopia

44.6328, 26.1214, 8.9928

Trichromacy



Original Color

44.9468, 26.0501, 11.2535

Protanomaly

28.9590, 23.5787, 15.8568

Deuteranomaly

31.2370, 24.0583, 10.3945

Tritanomaly

44.7077, 26.0521, 9.6934

Monochromacy



Original Color

44.9468, 26.0501, 11.2535

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

25.1544, 20.1351, 17.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9468, 26.0501, 11.2535 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(255, 68, 85)` looks like.

```
.text, #text, p{  
  color:rgb(255, 68, 85)  
}
```

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(255, 68, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 85) }
```

Border

The CSS property to change the border of an element to XYZ 44.9468, 26.0501, 11.2535 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(255, 68, 85) }
```


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

```
.border{ border-color:rgb(255, 68, 85) }
```

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

Here you see how a box with a 4 pixel rgb(255, 68, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9468, 26.0501, 11.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 85) }
```

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

```
.background{ background-color: rgb(255, 68,  
85) }
```

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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