

Converting Colors

XYZ(44.7371, 25.5698, 11.3715)

Have a look what the booklet for
XYZ(44.7371, 25.5698, 11.3715)
contains.

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Color

**XYZ(44.7531, 25.5987,
11.3864)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4056
RGB	255, 64, 86
RGB Percent	100%, 25%, 34%
CMY	0.0000, 0.7490, 0.6627
CMYK	0.00, 0.75, 0.66, 0.00
HSL	353°, 100%, 63%
HSV	353°, 75%, 100%
XYZ	44.7531, 25.5987, 11.3864
YIQ	123.6170, 106.7740, 47.3340

Conversions

Conversions Part 2

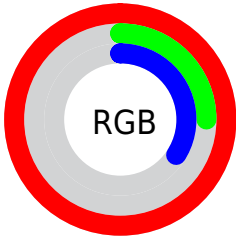
Format	Color
R_{YB}	255, 64, 86
Decimal	16728150
CIE _{Lab}	57.65, 71.51, 32.76
CIE _{LCh}	58, 78.657, 24.616
Yxy	25.5987, 0.5475, 0.3132
Android (android.graphics.Color)	4294918230 (0xFFFF4056)
YUV	123.6170, -18.5452, 115.2229
Hunter-Lab	50.5952, 69.3477, 22.0734

Details

The XYZ color **44.7531, 25.5987, 11.3864** 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 **52.5850, 78.4940, 89.4803**, and the grayscale version is **19.0677, 20.0607, 21.8461**.

A 20% lighter version of the original color is **53.1448, 37.9593, 27.8184**, and **21.6354, 11.1072, 3.1014** is the 20% darker color. If you saturate the color by 10%, you get **42.8589, 23.0430, 6.9556**, and if you desaturate by 10%, it is **47.5920, 29.5854, 17.5477**.

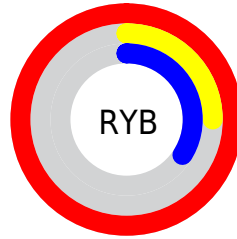
Distribution



Red (100%)

Green (25%)

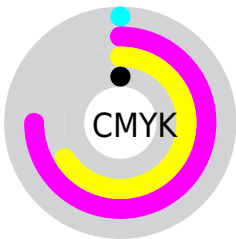
Blue (34%)



Red (100%)

Yellow (25%)

Blue (34%)

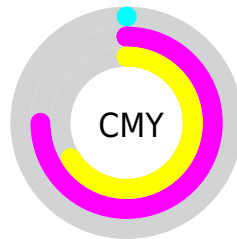


Cyan (0%)

Magenta (75%)

Yellow (66%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7531, 25.5987, 11.3864 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 44.7531, 25.5987, 11.3864 by changing the saturation by 10% instead.


 44.7531, 25.5987,
11.3864


 44.7531, 25.5987,
11.3864


356.5732,
280.8065, 211.1313


 31.4634, 16.5237,
6.2099


 81.5891, 52.6268,
29.0200


 21.1056, 9.8955,
2.9023


 105.8662, 71.3487,
42.3142


 13.3141, 5.3297,
1.0450


 134.5365, 94.0550,
59.1514

 7.7237, 2.4420,
0.0000

 167.9653,
121.1301, 79.9502

 3.9690, 0.8474,
0.0000

 206.5181,
152.9585, 105.1290

 1.6846, 0.0000,
0.0000

250.5601,

 0.4466, 0.0000,

189.9244, 135.1064

0.0000

300.4567,
232.4123, 170.3010

■ 0.0000, 0.0000,
0.0000

■ 44.7531, 25.5987,
11.3864

■ 44.7531, 25.5987,
11.3864

■ 42.8589, 23.0430,
6.9556

■ 47.5920, 29.5854,
17.5477

■ 41.7818, 21.7073,
4.0739


■ 51.4777, 35.1669,
25.5935


■ 41.4659, 21.3503,
3.1211

■ 56.5005, 42.4897,
35.6618

■ 62.7407, 51.6824,
47.8774

■ 70.2712, 62.8616,
62.3548

 79.1591, 76.1341,
79.2006

 89.4670, 91.5995,
98.5145

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.



47.1419, 25.5987, 33.0202



44.7531, 25.5987, 11.3864



36.3769, 25.5987, 3.3808

Triad

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



44.7531, 25.5987, 11.3864



12.3644, 25.5987, 7.3525



22.6731, 25.5987, 117.7713

Complementary

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



44.7531, 25.5987, 11.3864



52.5850, 78.4940, 89.4803

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.



15.2894, 25.5987, 95.0121



44.7531, 25.5987, 11.3864



10.4020, 25.5987, 23.2899

Square

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



44.7531, 25.5987, 11.3864



17.5486, 25.5987, 2.3243



11.3150, 25.5987, 55.4909



32.6678, 25.5987, 106.4498

Rectangle

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



44.7531, 25.5987, 11.3864



29.4506, 25.5987, 1.8215



11.3150, 25.5987, 55.4909



19.8416, 25.5987, 113.5693

Sweetspot

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



44.7537, 25.6002, 11.3868



72.7032, 66.4859, 66.9857



53.3963, 28.1646, 97.2291



15.0734, 13.5033, 13.4084



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.



44.7537, 25.6002, 11.3868



42.2164, 22.2240, 5.3039



51.1433, 39.5857, 9.7980



18.0944, 18.0211, 19.1142



21.6938, 11.1668, 1.7719



2.1383, 1.0977, 0.3099

Inverse Universe

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



44.7537, 25.6002, 11.3868



42.2164, 22.2240, 5.3039



36.8499, 41.6798, 100.7099



18.0944, 18.0211, 19.1142



21.6938, 11.1668, 1.7719



2.1383, 1.0977, 0.3099

Previews

White Background



This preview shows how the XYZ color 44.7531, 25.5987, 11.3864 looks on a white background.

Color Contrast Check

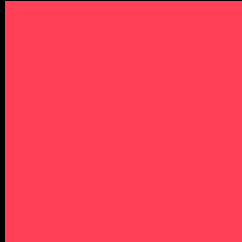
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7531, 25.5987, 11.3864 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 44.7531, 25.5987, 11.3864

Background



This preview shows how black text looks on a background with the XYZ color 44.7531, 25.5987, 11.3864.



This preview shows how white text looks on a background with the XYZ color 44.7531, 25.5987,

11.3864.

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

44.7531, 25.5987, 11.3864

Protanopia

24.0371, 25.5258, 19.8797

Deuteranopia

26.1333, 25.5704, 10.3957



Tritanopia

43.9857, 25.5273, 8.4033

Trichromacy



Original Color

44.7531, 25.5987, 11.3864

Protanomaly

28.4328, 22.8075, 16.0004

Deuteranomaly

30.7931, 23.5121, 10.5047

Tritanomaly

44.1258, 25.4891, 9.4317

Monochromacy



Original Color

44.7531, 25.5987, 11.3864

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

24.5791, 19.3992, 17.2008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7531, 25.5987, 11.3864 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, 64, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 86)  
}
```

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, 64, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 86) }
```

Border

The CSS property to change the border of an element to XYZ 44.7531, 25.5987, 11.3864 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, 64, 86) }
```


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

```
.border{ border-color:rgb(255, 64, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7531, 25.5987, 11.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 86) }
```

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

```
.background{ background-color: rgb(255, 64,  
86) }
```

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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