

Converting Colors

XYZ(44.6173, 25.1963, 11.7443)

Have a look what the booklet for
XYZ(44.6173, 25.1963, 11.7443)
contains.

XYZ(44.6173, 25.1963, 11.7443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.6173, 25.1963,
11.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3C58
RGB	255, 60, 88
RGB Percent	100%, 24%, 35%
CMY	0.0000, 0.7646, 0.6549
CMYK	0.00, 0.76, 0.65, 0.00
HSL	351°, 100%, 62%
HSV	351°, 76%, 100%
XYZ	44.6173, 25.1963, 11.7443
YIQ	121.4970, 107.2320, 50.0480

Conversions

Conversions Part 2

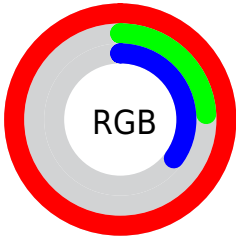
Format	Color
R_{YB}	255, 60, 88
Decimal	16727128
CIE _{Lab}	57.27, 72.79, 31.12
CIE _{LCh}	57, 79.160, 23.147
Yxy	25.1963, 0.5471, 0.3089
Android (android.graphics.Color)	4294917208 (0xFFFF3C58)
YUV	121.4970, -16.5140, 117.0821
Hunter-Lab	50.1959, 70.8192, 21.2651

Details

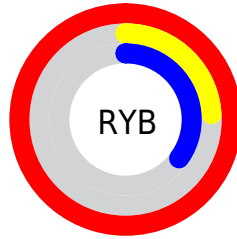
The XYZ color **44.6173, 25.1963, 11.7443** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **51.4913, 78.0275, 85.0304**, and the grayscale version is **18.3646, 19.3210, 21.0405**.

A 20% lighter version of the original color is **52.9104, 37.2609, 28.4481**, and **21.6712, 11.1216, 3.2900** is the 20% darker color. If you saturate the color by 10%, you get **42.8147, 22.8289, 7.3289**, and if you desaturate by 10%, it is **47.3348, 28.9607, 17.8015**.

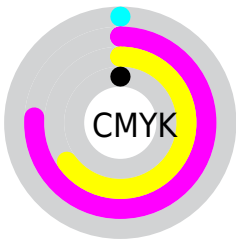
Distribution



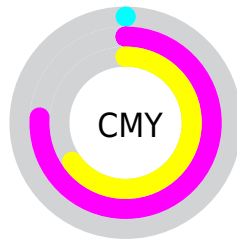
- Red (100%)
- Green (24%)
- Blue (35%)



- Red (100%)
- Yellow (24%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6173, 25.1963, 11.7443 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 44.6173, 25.1963, 11.7443 by changing the saturation by 10% instead.


 44.6173, 25.1963,
11.7443


 44.6173, 25.1963,
11.7443


356.0312,
278.8141, 213.6225


 31.3561, 16.2234,
6.4494


 81.3864, 51.9755,
29.6859

 21.0233, 9.6824,
3.0470


 105.6251, 70.5506,
43.1697


 13.2536, 5.1889,
1.1187


 134.2536, 93.0951,
60.2203

 7.6816, 2.3585,
0.0000

 167.6373,
119.9935, 81.2561

 3.9420, 0.8044,
0.0000

 206.1415,
151.6303, 106.6956

 1.6694, 0.0000,
0.0000

250.1317,

 0.4370, 0.0000,

188.3897, 136.9575

0.0000

299.9731,
230.6562, 172.4603

■ 0.0000, 0.0000,
0.0000

■ 44.6173, 25.1963,
11.7443

■ 44.6173, 25.1963,
11.7443

■ 42.8147, 22.8289,
7.3289

■ 47.3348, 28.9607,
17.8015

■ 41.7983, 21.6398,
4.3885

■ 51.0689, 34.2893,
25.6423

■ 41.5674, 21.3909,
3.6554

■ 55.9095, 41.3309,
35.3939

■ 61.9361, 50.2153,
47.1716

■ 69.2207, 61.0600,
61.0815

■ 77.8294, 73.9726,
77.2222

■ 87.8239, 89.0531,
95.6861

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.



46.6476, 25.1963, 34.0600



44.6173, 25.1963, 11.7443



36.4545, 25.1963, 3.3998

Triad

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



44.6173, 25.1963, 11.7443



12.2351, 25.1963, 6.6708



21.8632, 25.1963, 117.1104

Complementary

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



44.6173, 25.1963, 11.7443



51.4913, 78.0275, 85.0304

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.



14.6897, 25.1963, 92.8583



44.6173, 25.1963, 11.7443



10.1488, 25.1963, 21.7293

Square

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



44.6173, 25.1963, 11.7443



17.5437, 25.1963, 2.0881



10.9126, 25.1963, 53.1134



31.7480, 25.1963, 107.4334

Rectangle

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



44.6173, 25.1963, 11.7443



29.5579, 25.1963, 1.7592



10.9126, 25.1963, 53.1134



19.0976, 25.1963, 112.3181

Sweetspot

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



44.6179, 25.1978, 11.7447



72.0504, 65.2945, 66.4163



50.9528, 26.5819, 97.0525



14.7910, 13.0318, 13.0265



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.



44.6179, 25.1978, 11.7447



42.1648, 22.0416, 5.5309



49.8089, 37.0925, 8.8115



18.1156, 18.0295, 19.2257



21.7519, 11.1900, 2.0778



2.1483, 1.1017, 0.3622

Inverse Universe

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



44.6179, 25.1978, 11.7447



42.1648, 22.0416, 5.5309



37.6327, 43.6179, 101.0428



18.1156, 18.0295, 19.2257



21.7519, 11.1900, 2.0778



2.1483, 1.1017, 0.3622

Previews

White Background



This preview shows how the XYZ color 44.6173, 25.1963, 11.7443 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 44.6173, 25.1963, 11.7443 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 44.6173, 25.1963, 11.7443

Background



This preview shows how black text looks on a background with the XYZ color 44.6173, 25.1963, 11.7443.



This preview shows how white text looks on a background with the XYZ color 44.6173, 25.1963,

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

44.6173, 25.1963, 11.7443

Protanopia

23.7770, 25.1525, 21.0545

Deuteranopia

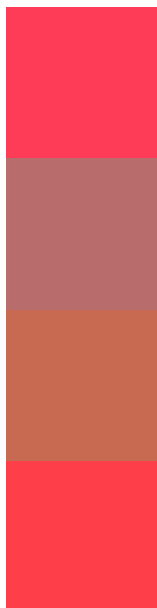
25.6399, 25.1075, 10.7026



Tritanopia

43.6898, 25.1310, 7.7023

Trichromacy



Original Color

44.6173, 25.1963, 11.7443

Protanomaly

27.9426, 22.2103, 17.0016

Deuteranomaly

30.3940, 22.9917, 10.8185

Tritanomaly

43.8866, 25.1203, 9.0142

Monochromacy



Original Color

44.6173, 25.1963, 11.7443

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.8539, 18.5955, 17.0839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6173, 25.1963, 11.7443 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, 60, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 60, 88)  
}
```

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, 60, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 60, 88) }
```

Border

The CSS property to change the border of an element to XYZ 44.6173, 25.1963, 11.7443 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, 60, 88) }
```


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

```
.border{ border-color:rgb(255, 60, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 60, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 60, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 60, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 60,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6173, 25.1963, 11.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 60, 88) }
```

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

```
.background{ background-color: rgb(255, 60,  
88) }
```

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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