

Converting Colors

XYZ(42.6615, 25.3562, 11.2420)

Have a look what the booklet for
XYZ(42.6615, 25.3562, 11.2420)
contains.

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Color

**XYZ(42.7336, 25.3774,
11.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	F84955
RGB	248, 73, 85
RGB Percent	97%, 29%, 33%
CMY	0.0275, 0.7137, 0.6667
CMYK	0.00, 0.71, 0.66, 0.03
HSL	356°, 93%, 63%
HSV	356°, 71%, 97%
XYZ	42.7336, 25.3774, 11.2403
YIQ	126.6930, 100.4480, 40.8320

Conversions

Conversions Part 2

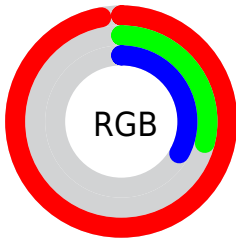
Format	Color
R_{YB}	248, 73, 85
Decimal	16271701
CIE _{Lab}	57.44, 66.49, 32.80
CIE _{LCh}	57, 74.136, 26.260
Yxy	25.3774, 0.5385, 0.3198
Android (android.graphics.Color)	4294461781 (0xFFFF84955)
YUV	126.6930, -20.5546, 106.3862
Hunter-Lab	50.3760, 63.2623, 22.0339

Details

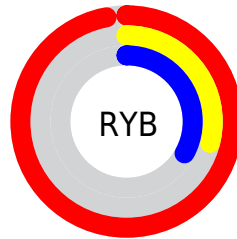
The XYZ color **42.7336, 25.3774, 11.2403** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **51.4577, 74.6081, 91.0539**, and the grayscale version is **20.1132, 21.1606, 23.0439**.

A 20% lighter version of the original color is **53.8644, 39.5118, 27.7092**, and **20.1502, 10.3435, 2.9420** is the 20% darker color. If you saturate the color by 10%, you get **40.6435, 22.4343, 6.7311**, and if you desaturate by 10%, it is **45.7734, 29.7414, 17.5438**.

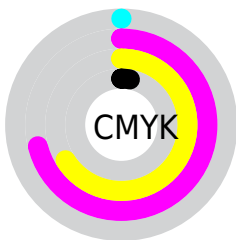
Distribution



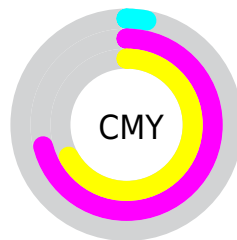
- Red (97%)
- Green (29%)
- Blue (33%)



- Red (97%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (71%)
- Yellow (66%)
- Black (3%)




- Cyan (3%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7336, 25.3774, 11.2403 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 42.7336, 25.3774, 11.2403 by changing the saturation by 10% instead.

 42.7336, 25.3774,
11.2403


 42.7336, 25.3774,
11.2403


348.4552,
279.7122, 210.1051


 29.8698, 16.3585,
6.1125


 78.5669, 52.2688,
28.7471


 19.8873, 9.7782,
2.8437


 102.2671, 70.9101,
41.9632

 12.4210, 5.2521,
1.0154


 130.3101, 93.5276,
58.7124

 7.1053, 2.3959,
0.0000

 163.0613,
120.5057, 79.4133

 3.5749, 0.8238,
0.0000

 200.8861,
152.2288, 104.4845

 1.4646, 0.0000,
0.0000

244.1498,

 0.3016, 0.0000,

189.0813, 134.3445

0.0000

293.2177,
231.4477, 169.4119

■ 0.0000, 0.0000,
0.0000

■ 42.7336, 25.3774,
11.2403

■ 42.7336, 25.3774,
11.2403

■ 40.6435, 22.4343,
6.7311

■ 45.7734, 29.7414,
17.5438

■ 39.3887, 20.7308,
3.8274


■ 49.8565, 35.6703,
25.8020


■ 38.8122, 19.9968,
2.3440


■ 55.0670, 43.2953,
36.1589

■ 61.4802, 52.7325,
48.7444

■ 69.1645, 64.0879,
63.6783

 78.1835, 77.4593,
81.0714

 88.5965, 92.9378,
101.0278

 92.5211, 98.6963,
108.7817

Harmonies

Analogous

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



45.2909, 25.3774, 30.9199



42.7336, 25.3774, 11.2403



34.8106, 25.3774, 3.7332

Triad

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



42.7336, 25.3774, 11.2403



12.5944, 25.3774, 8.4907



23.0319, 25.3774, 109.8684

Complementary

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



42.7336, 25.3774, 11.2403



51.4577, 74.6081, 91.0539

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.



15.8791, 25.3774, 90.8301



42.7336, 25.3774, 11.2403



10.8539, 25.3774, 24.5852

Square

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



42.7336, 25.3774, 11.2403



17.3725, 25.3774, 2.9601



11.8912, 25.3774, 55.1485



32.4223, 25.3774, 98.0103

Rectangle

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



42.7336, 25.3774, 11.2403



28.3736, 25.3774, 2.2163



11.8912, 25.3774, 55.1485



20.3151, 25.3774, 106.6735

Sweetspot

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



42.7342, 25.3789, 11.2407



73.2655, 67.6569, 67.0303



53.0671, 28.9378, 91.5950



15.1714, 13.7262, 13.3578



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.



42.7342, 25.3789, 11.2407



42.5860, 22.9202, 5.5597



50.1812, 40.9717, 11.5689



17.2928, 17.2445, 18.1318



20.9841, 10.8094, 1.3588



1.9598, 1.0076, 0.2116

Inverse Universe

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



42.7342, 25.3789, 11.2407



42.5860, 22.9202, 5.5597



35.0388, 38.8884, 94.4658



17.2928, 17.2445, 18.1318



20.9841, 10.8094, 1.3588



1.9598, 1.0076, 0.2116

Previews

White Background



This preview shows how the XYZ color 42.7336, 25.3774, 11.2403 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 42.7336, 25.3774, 11.2403 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 42.7336, 25.3774, 11.2403

Background



This preview shows how black text looks on a background with the XYZ color 42.7336, 25.3774, 11.2403.



This preview shows how white text looks on a background with the XYZ color 42.7336, 25.3774,

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

42.7336, 25.3774, 11.2403

Protanopia

23.9903, 25.5277, 18.7018

Deuteranopia

25.9180, 25.4593, 10.3856



Tritanopia

42.5353, 25.4041, 9.8693

Trichromacy



Original Color

42.7336, 25.3774, 11.2403

Protanomaly

28.1828, 23.1843, 15.5600

Deuteranomaly

30.3844, 23.9392, 10.4164

Tritanomaly

42.6454, 25.4481, 10.4489

Monochromacy



Original Color

42.7336, 25.3774, 11.2403

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.9769, 20.3432, 17.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7336, 25.3774, 11.2403 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, 73, 85)` looks like.

```
.text, #text, p{  
    color:rgb(248, 73, 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(248, 73, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 73, 85) }
```

Border

The CSS property to change the border of an element to XYZ 42.7336, 25.3774, 11.2403 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, 73, 85) }
```


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

```
.border{ border-color:rgb(248, 73, 85) }
```

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

Here you see how a box with a 4 pixel rgb(248, 73, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 73, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 73, 85);  
box-shadow:4px 4px 4px 4px rgb(248, 73,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7336, 25.3774, 11.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 73, 85) }
```

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

```
.background{ background-color: rgb(248, 73,  
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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