

Converting Colors

XYZ(39.9676, 25.6989, 12.3050)

Have a look what the booklet for
XYZ(39.9676, 25.6989, 12.3050)
contains.

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Color

**XYZ(39.9676, 25.6989,
12.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	EC5959
RGB	236, 89, 89
RGB Percent	93%, 35%, 35%
CMY	0.0745, 0.6509, 0.6510
CMYK	0.00, 0.62, 0.62, 0.07
HSL	0°, 79%, 64%
HSV	0°, 62%, 93%
XYZ	39.9676, 25.6989, 12.3050
YIQ	132.9530, 87.6120, 31.1640

Conversions

Conversions Part 2

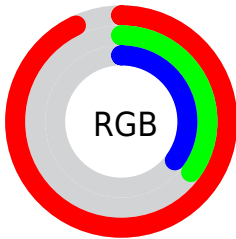
Format	Color
R _Y B	236, 89, 89
Decimal	15489369
CIE Lab	57.75, 56.70, 30.46
CIE LCh	58, 64.368, 28.244
Yxy	25.6989, 0.5126, 0.3296
Android (android.graphics.Color)	4293679449 (0xFFEC5959)
YUV	132.9530, -21.6688, 90.3722
Hunter-Lab	50.6941, 52.0161, 21.0944

Details

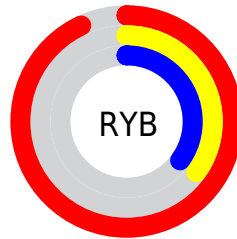
The XYZ color **39.9676, 25.6989, 12.3050** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **49.2528, 68.1654, 89.9177**, and the grayscale version is **22.3324, 23.4954, 25.5865**.

A 20% lighter version of the original color is **56.0256, 43.3749, 29.8454**, and **18.2835, 9.9570, 3.2437** is the 20% darker color. If you saturate the color by 10%, you get **37.4716, 22.0470, 7.3426**, and if you desaturate by 10%, it is **43.4115, 30.7390, 19.1503**.

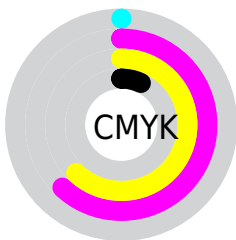
Distribution



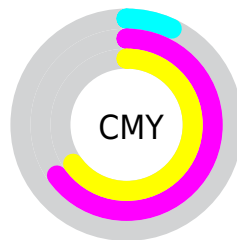
- Red (93%)
- Green (35%)
- Blue (35%)



- Red (93%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (7%)





- Cyan (7%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9676, 25.6989, 12.3050 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 39.9676, 25.6989, 12.3050 by changing the saturation by 10% instead.


 39.9676, 25.6989,
12.3050


 39.9676, 25.6989,
12.3050


337.1238,
281.3009, 217.4632


 27.6974, 16.5985,
6.8267


 74.3988, 52.7888,
30.7221

 18.2370, 9.9487,
3.2772


 97.2905, 71.5471,
44.4979


 11.2210, 5.3649,
1.2378


 124.4535, 94.2935,
61.8767

 6.2840, 2.4629,
0.0100

 156.2530,
121.4124, 83.2769

 3.0609, 0.8580,
0.0000

 193.0544,
153.2882, 109.1171

 1.1860, 0.0000,
0.0000

235.2231,

 0.0953, 0.0000,

190.3053, 139.8159

0.0000

283.1244,
232.8480, 175.7917

■ 0.0000, 0.0000,
0.0000

■ 39.9676, 25.6989,
12.3050

■ 39.9676, 25.6989,
12.3050

■ 37.4716, 22.0470,
7.3426

■ 43.4115, 30.7390,
19.1503

■ 35.8275, 19.6411,
4.0746

■ 47.8833, 37.2825,
28.0398

■ 34.9225, 18.3167,
2.2758

■ 53.4566, 45.4379,
39.1191

■ 34.5920, 17.8331,
1.6189

■ 60.1977, 55.3020,
52.5201

■ 68.1677, 66.9644,
68.3642

■ 77.4235, 80.5082,
86.7645

■ 88.0183, 96.0114,
107.8270

■ 88.4019, 96.5728,
108.5889

Harmonies

Analogous

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



42.4610, 25.6989, 29.3045



39.9676, 25.6989, 12.3050



33.0971, 25.6989, 5.1702

Triad

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



39.9676, 25.6989, 12.3050



13.8571, 25.6989, 11.0460



23.9741, 25.6989, 95.5721

Complementary

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



39.9676, 25.6989, 12.3050



49.2528, 68.1654, 89.9177

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.



17.4194, 25.6989, 81.8987



39.9676, 25.6989, 12.3050



12.3943, 25.6989, 26.6994

Square

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



39.9676, 25.6989, 12.3050



18.0558, 25.6989, 4.7591



13.5478, 25.6989, 53.2930



32.1419, 25.6989, 84.5926

Rectangle

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



39.9676, 25.6989, 12.3050



27.5757, 25.6989, 3.5909



13.5478, 25.6989, 53.2930



21.5258, 25.6989, 93.6093

Sweetspot

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



39.9682, 25.7003, 12.3054



74.6522, 70.1523, 68.3496



53.3045, 31.0337, 82.5370



15.4242, 14.2041, 13.5274



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.



39.9682, 25.7003, 12.3054



43.9783, 25.2673, 7.3724



49.4036, 44.5712, 15.4506



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



49.2528, 68.1654, 89.9177



55.9045, 79.8143, 107.0670



32.2687, 34.1971, 84.2564



15.5177, 17.1218, 19.4092



24.8775, 36.4019, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 39.9676, 25.6989, 12.3050 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 39.9676, 25.6989, 12.3050 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 39.9676, 25.6989, 12.3050

Background



This preview shows how black text looks on a background with the XYZ color 39.9676, 25.6989, 12.3050.



This preview shows how white text looks on a background with the XYZ color 39.9676, 25.6989,

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

39.9676, 25.6989, 12.3050

Protanopia

24.2598, 25.8869, 18.4699

Deuteranopia

26.2727, 25.8193, 11.5815



Tritanopia

40.1022, 25.6205, 13.4213

Trichromacy



Original Color

39.9676, 25.6989, 12.3050

Protanomaly

28.0580, 24.3374, 15.7891

Deuteranomaly

29.9933, 24.7159, 11.7842

Tritanomaly

40.0136, 25.5850, 12.9547

Monochromacy



Original Color

39.9676, 25.6989, 12.3050

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.1497, 22.5530, 19.8045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9676, 25.6989, 12.3050 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(236, 89, 89)` looks like.

```
.text, #text, p{  
    color:rgb(236, 89, 89)  
}
```

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(236, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 89, 89) }
```

Border

The CSS property to change the border of an element to XYZ 39.9676, 25.6989, 12.3050 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(236, 89, 89) }
```


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

```
.border{ border-color:rgb(236, 89, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 89, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(236, 89,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9676, 25.6989, 12.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 89, 89) }
```

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

```
.background{ background-color: rgb(236, 89,  
89) }
```

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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