

Converting Colors

XYZ(45.3771, 26.4643, 12.7728)

Have a look what the booklet for
XYZ(45.3771, 26.4643, 12.7728)
contains.

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Color

**XYZ(45.3619, 26.4130,
12.8326)**

Conversions

Conversions Part 1

Format	Color
Hex	FF465C
RGB	255, 70, 92
RGB Percent	100%, 27%, 36%
CMY	0.0000, 0.7254, 0.6392
CMYK	0.00, 0.73, 0.64, 0.00
HSL	353°, 100%, 64%
HSV	353°, 73%, 100%
XYZ	45.3619, 26.4130, 12.8326
YIQ	127.8230, 103.1980, 46.0620

Conversions

Conversions Part 2

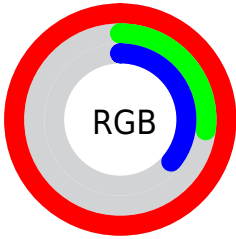
Format	Color
RYB	255, 70, 92
Decimal	16729692
CIELab	58.43, 69.93, 30.26
CIElCh	58, 76.202, 23.401
Yxy	26.4130, 0.5361, 0.3122
Android (android.graphics.Color)	4294919772 (0xFFFF465C)
YUV	127.8230, -17.6607, 111.5342
Hunter-Lab	51.3936, 67.6120, 21.1712

Details

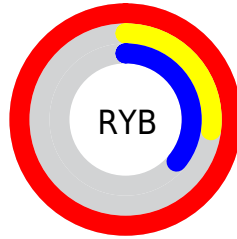
The XYZ color **45.3619, 26.4130, 12.8326** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **52.9962, 78.7060, 89.4983**, and the grayscale version is **20.4925, 21.5597, 23.4785**.

A 20% lighter version of the original color is **54.2388, 39.4456, 30.3462**, and **21.9790, 11.2736, 3.6024** is the 20% darker color. If you saturate the color by 10%, you get **43.2504, 23.5360, 7.9805**, and if you desaturate by 10%, it is **48.4424, 30.7627, 19.4447**.

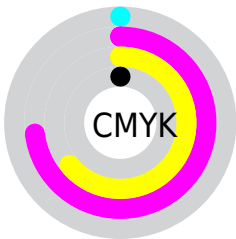
Distribution



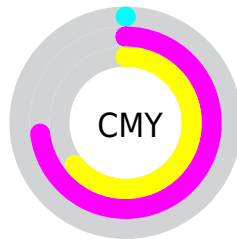
- Red (100%)
- Green (27%)
- Blue (36%)



- Red (100%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (73%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3619, 26.4130, 12.8326 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 45.3619, 26.4130, 12.8326 by changing the saturation by 10% instead.


 45.3619, 26.4130,
12.8326


 45.3619, 26.4130,
12.8326

358.9964,
284.8036, 221.0120


 31.9451, 17.1329,
7.1840


 82.4969, 53.9405,
31.6895

 21.4749, 10.3293,
3.4973


 106.9459, 72.9566,
45.7348


 13.5860, 5.6178,
1.3538


 135.8029, 95.9868,
63.4162

 7.9131, 2.6141,
0.1053

 169.4333,
123.4156, 85.1521

 4.0907, 0.9338,
0.0000

 208.2025,
155.6272, 111.3611

 1.7536, 0.0000,
0.0000

252.4758,

 0.4895, 0.0000,

193.0062, 142.4618

0.0000

302.6187,
235.9369, 178.8725

■ 0.0000, 0.0000,
0.0000

■ 45.3619, 26.4130,
12.8326

■ 45.3619, 26.4130,
12.8326

■ 43.2504, 23.5360,
7.9805

■ 48.4424, 30.7627,
19.4447

■ 41.9872, 21.9318,
4.7162


■ 52.5897, 36.7422,
27.9640


■ 41.4781, 21.3552,
3.1849

■ 57.8913, 44.4935,
38.5236

■ 64.4255, 54.1421,
51.2441

■ 72.2633, 65.8019,
66.2367

 81.4704, 79.5779,
83.6051

 92.1082, 95.5676,
103.4465

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.



47.3988, 26.4130, 35.0578



45.3619, 26.4130, 12.8326



37.3524, 26.4130, 4.1202

Triad

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



45.3619, 26.4130, 12.8326



13.3073, 26.4130, 7.7515



23.1046, 26.4130, 115.5801

Complementary

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



45.3619, 26.4130, 12.8326



52.9962, 78.7060, 89.4983

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.



15.8781, 26.4130, 92.6175



45.3619, 26.4130, 12.8326



11.1972, 26.4130, 23.2643

Square

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



45.3619, 26.4130, 12.8326



18.6488, 26.4130, 2.7093



12.0057, 26.4130, 54.2843



32.9013, 26.4130, 106.0596

Rectangle

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



45.3619, 26.4130, 12.8326



30.5698, 26.4130, 2.3012



12.0057, 26.4130, 54.2843



20.3332, 26.4130, 111.1004

Sweetspot

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



45.3625, 26.4146, 12.8330



72.7286, 66.4961, 67.1196



52.9815, 28.4803, 97.3120



15.0793, 13.5056, 13.4393



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.



45.3625, 26.4146, 12.8330



42.5910, 22.6772, 6.3410



51.4114, 39.8337, 10.7755



18.0972, 18.0222, 19.1289



21.7008, 11.1696, 1.8088



2.1396, 1.0982, 0.3168

Inverse Universe

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



45.3625, 26.4146, 12.8330



42.5910, 22.6772, 6.3410



38.3833, 44.1358, 101.1032



18.0972, 18.0222, 19.1289



21.7008, 11.1696, 1.8088



2.1396, 1.0982, 0.3168

Previews

White Background



This preview shows how the XYZ color 45.3619, 26.4130, 12.8326 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 45.3619, 26.4130, 12.8326 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 45.3619, 26.4130, 12.8326

Background



This preview shows how black text looks on a background with the XYZ color 45.3619, 26.4130, 12.8326.



This preview shows how white text looks on a background with the XYZ color 45.3619, 26.4130,

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

45.3619, 26.4130, 12.8326

Protanopia

25.0420, 26.4325, 21.8713

Deuteranopia

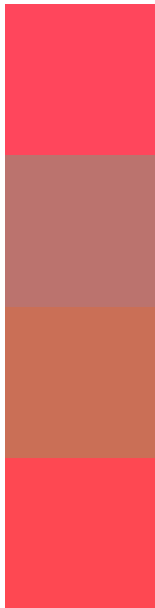
26.8427, 26.3173, 11.6476



Tritanopia

44.5601, 26.3577, 9.5764

Trichromacy



Original Color

45.3619, 26.4130, 12.8326

Protanomaly

29.4387, 23.9521, 17.8235

Deuteranomaly

31.7213, 24.5973, 11.8800

Tritanomaly

44.7134, 26.3148, 10.7052

Monochromacy



Original Color

45.3619, 26.4130, 12.8326

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.8078, 20.7519, 18.8649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3619, 26.4130, 12.8326 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, 70, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 92)  
}
```

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, 70, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 92) }
```

Border

The CSS property to change the border of an element to XYZ 45.3619, 26.4130, 12.8326 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, 70, 92) }
```


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

```
.border{ border-color:rgb(255, 70, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3619, 26.4130, 12.8326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 92) }
```

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

```
.background{ background-color: rgb(255, 70,  
92) }
```

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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