

Converting Colors

XYZ(42.0587, 26.5822, 15.0446)

Have a look what the booklet for
XYZ(42.0587, 26.5822, 15.0446)
contains.

XYZ(42.0656, 26.6003, 14.9739)	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(42.0656, 26.6003,
14.9739)**

Conversions

Conversions Part 1

Format	Color
Hex	F15864
RGB	241, 88, 100
RGB Percent	95%, 35%, 39%
CMY	0.0549, 0.6549, 0.6078
CMYK	0.00, 0.63, 0.59, 0.05
HSL	355°, 85%, 65%
HSV	355°, 63%, 95%
XYZ	42.0656, 26.6003, 14.9739
YIQ	135.1150, 87.3360, 36.1680

Conversions

Conversions Part 2

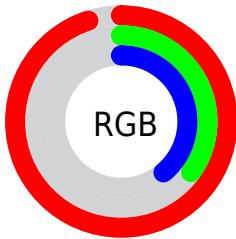
Format	Color
R_{YB}	241, 88, 100
Decimal	15816804
CIE _{Lab}	58.60, 59.47, 25.39
CIE _{LCh}	59, 64.667, 23.119
Yxy	26.6003, 0.5029, 0.3180
Android (android.graphics.Color)	4294006884 (0xFFFF15864)
YUV	135.1150, -17.3117, 92.8611
Hunter-Lab	51.5755, 55.3297, 18.8892

Details

The XYZ color **42.0656, 26.6003, 14.9739** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **49.6245, 70.6430, 85.1546**, and the grayscale version is **23.1125, 24.3162, 26.4803**.

A 20% lighter version of the original color is **56.7992, 43.4409, 34.6694**, and **19.5627, 10.4628, 4.4785** is the 20% darker color. If you saturate the color by 10%, you get **39.4714, 22.9043, 9.5089**, and if you desaturate by 10%, it is **45.6077, 31.7236, 22.2007**.

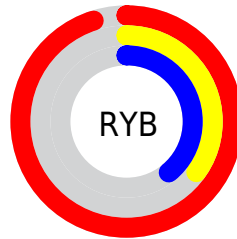
Distribution



Red (95%)

Green (35%)

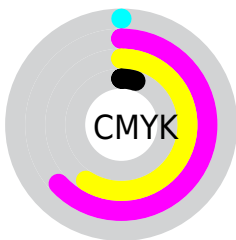
Blue (39%)



Red (95%)

Yellow (35%)

Blue (39%)

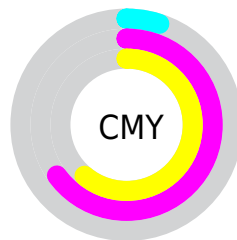


Cyan (0%)

Magenta (63%)

Yellow (59%)

Black (5%)



Cyan (5%)

Magenta (65%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0656, 26.6003, 14.9739 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 42.0656, 26.6003, 14.9739 by changing the saturation by 10% instead.


 42.0656, 26.6003,
14.9739


 42.0656, 26.6003,
14.9739


345.7418,
285.7166, 234.8435


 29.3440, 17.2733,
8.6547


 77.5634, 54.2418,
35.5490

 19.4868, 10.4295,
4.4229


 101.0704, 73.3251,
50.6420

 12.1286, 5.6847,
1.8601


 128.9032, 96.4292,
69.4966

 6.9042, 2.6543,
0.4672

 161.4271,
123.9386, 92.5315

 3.4480, 0.9540,
0.0000

199.0076,
156.2376, 120.1650

 1.3949, 0.0000,
0.0000

242.0100,

 0.2526, 0.0000,

193.7107, 152.8159

0.0000

290.7996,
236.7422, 190.9025

■ 0.0000, 0.0000,
0.0000

■ 42.0656, 26.6003,
14.9739

■ 42.0656, 26.6003,
14.9739

■ 39.4714, 22.9043,
9.5089

■ 45.6077, 31.7236,
22.2007

■ 37.7314, 20.4869,
5.6533

■ 50.1756, 38.3946,
31.3217


■ 36.7362, 19.1746,
3.2309


■ 55.8412, 46.7262,
42.4579

■ 36.3921, 18.7473,
2.3117

■ 62.6695, 56.8193,
55.7200

■ 70.7205, 68.7671,
71.2107

 80.0500, 82.6559,
89.0258

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



43.6509, 26.6003, 34.5183



42.0656, 26.6003, 14.9739



35.5864, 26.6003, 6.1891

Triad

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



42.0656, 26.6003, 14.9739



14.9393, 26.6003, 9.8609



23.4991, 26.6003, 97.5819

Complementary

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



42.0656, 26.6003, 14.9739



49.6245, 70.6430, 85.1546

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.



17.1889, 26.6003, 79.8414



42.0656, 26.6003, 14.9739



12.9616, 26.6003, 24.0386

Square

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



42.0656, 26.6003, 14.9739



19.7541, 26.6003, 4.5006



13.6891, 26.6003, 49.7245



31.7573, 26.6003, 90.5789

Rectangle

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



42.0656, 26.6003, 14.9739



29.9757, 26.6003, 4.0468



13.6891, 26.6003, 49.7245



21.1071, 26.6003, 94.1009

Sweetspot

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



42.0662, 26.6018, 14.9743



75.1202, 70.3384, 70.8174



51.4420, 29.8668, 86.2723



15.5344, 14.2480, 14.1085



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.



42.0662, 26.6018, 14.9743



44.2376, 25.1461, 9.4309



49.2259, 41.7825, 14.7049



15.8231, 15.7789, 16.6245



19.7534, 10.1738, 1.3521



1.6606, 0.8533, 0.2034

Inverse Universe

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



42.0662, 26.6018, 14.9743



44.2376, 25.1461, 9.4309



35.6748, 39.9706, 89.0535



15.8231, 15.7789, 16.6245



19.7534, 10.1738, 1.3521



1.6606, 0.8533, 0.2034

Previews

White Background



This preview shows how the XYZ color 42.0656, 26.6003, 14.9739 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 42.0656, 26.6003, 14.9739 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 42.0656, 26.6003, 14.9739

Background



This preview shows how black text looks on a background with the XYZ color 42.0656, 26.6003, 14.9739.



This preview shows how white text looks on a background with the XYZ color 42.0656, 26.6003,

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

42.0656, 26.6003, 14.9739

Protanopia

25.3757, 26.8009, 22.9044

Deuteranopia

27.2173, 26.6643, 14.0681



Tritanopia

41.8684, 26.6537, 13.5276

Trichromacy



Original Color

42.0656, 26.6003, 14.9739

Protanomaly

29.3454, 25.1020, 19.5181

Deuteranomaly

31.3547, 25.5372, 14.3429

Tritanomaly

41.9593, 26.6901, 14.0065

Monochromacy



Original Color

42.0656, 26.6003, 14.9739

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.4468, 23.3607, 21.4748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0656, 26.6003, 14.9739 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(241, 88, 100)` looks like.

```
.text, #text, p{  
    color:rgb(241, 88, 100)  
}
```

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(241, 88, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 88, 100) }
```

Border

The CSS property to change the border of an element to XYZ 42.0656, 26.6003, 14.9739 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(241, 88, 100) }
```


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

```
.border{ border-color:rgb(241, 88, 100) }
```

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

Here you see how a box with a 4 pixel rgb(241, 88, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 88, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 88, 100);  
box-shadow:4px 4px 4px 4px rgb(241, 88,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0656, 26.6003, 14.9739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 88, 100) }
```

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

```
.background{ background-color: rgb(241, 88,  
100) }
```

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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