

Converting Colors

XYZ(43.6327, 26.3980, 22.2413)

Have a look what the booklet for
XYZ(43.6327, 26.3980, 22.2413)
contains.

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Color

**XYZ(43.6062, 26.4202,
22.2033)**

Conversions

Conversions Part 1

Format	Color
Hex	F3517D
RGB	243, 81, 125
RGB Percent	95%, 32%, 49%
CMY	0.0471, 0.6823, 0.5098
CMYK	0.00, 0.67, 0.49, 0.05
HSL	344°, 87%, 64%
HSV	344°, 67%, 95%
XYZ	43.6062, 26.4202, 22.2033
YIQ	134.4540, 82.4280, 48.0280

Conversions

Conversions Part 2

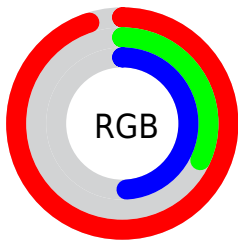
Format	Color
R _Y B	243, 81, 125
Decimal	15946109
CIE Lab	58.43, 64.80, 10.61
CIE LCh	58, 65.661, 9.303
Yxy	26.4202, 0.4728, 0.2865
Android (android.graphics.Color)	4294136189 (0xFFFF3517D)
YUV	134.4540, -4.6608, 95.1948
Hunter-Lab	51.4006, 61.4812, 10.3691

Details

The XYZ color **43.6062, 26.4202, 22.2033** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **45.7546, 69.9747, 65.1335**, and the grayscale version is **22.8239, 24.0125, 26.1496**.

A 20% lighter version of the original color is **58.4084, 42.8996, 46.7970**, and **20.3956, 10.3596, 7.9458** is the 20% darker color. If you saturate the color by 10%, you get **41.0805, 23.0201, 16.2708**, and if you desaturate by 10%, it is **46.9806, 31.1952, 29.4133**.

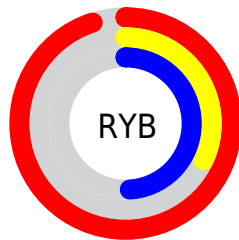
Distribution



Red (95%)

Green (32%)

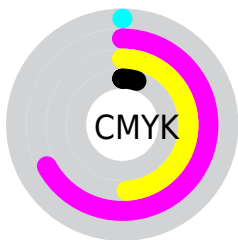
Blue (49%)



Red (95%)

Yellow (32%)

Blue (49%)

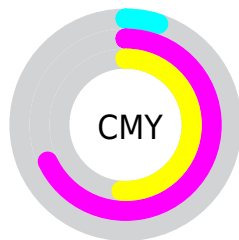


Cyan (0%)

Magenta (67%)

Yellow (49%)

Black (5%)



Cyan (5%)


Magenta (68%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6062, 26.4202, 22.2033 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 43.6062, 26.4202, 22.2033 by changing the saturation by 10% instead.


 43.6062, 26.4202,
22.2033

 43.6062, 26.4202,
22.2033


351.9783,
284.8388, 276.5942


 30.5576, 17.1383,
13.8066


 79.8749, 53.9521,
47.9883


 20.4124, 10.3331,
7.8491


 103.8257, 72.9708,
66.2136

 12.8052, 5.6204,
3.9121


 132.1412, 96.0039,
88.5523

 7.3706, 2.6157,
1.5773

 165.1869,
123.4357, 115.4228

 3.7433, 0.9345,
0.2745

203.3281,
155.6507, 147.2437

 1.5580, 0.0000,
0.0000

246.9302,

 0.3648, 0.0000,

193.0333, 184.4336

0.0000

296.3585,
235.9679, 227.4109

■ 0.0000, 0.0000,
0.0000

■ 43.6062, 26.4202,
22.2033

■ 43.6062, 26.4202,
22.2033

■ 41.0805, 23.0201,
16.2708

■ 46.9806, 31.1952,
29.4133

■ 39.3180, 20.8412,
11.5340

■ 51.2733, 37.4685,
37.9723


■ 38.2164, 19.6972,
7.9011


■ 56.5490, 45.3547,
47.9478


■ 37.9451, 19.4478,
6.9065

■ 62.8658, 54.9557,
59.4021

■ 70.2769, 66.3652,
72.3935

 78.8321, 79.6701,
86.9772

 88.5780, 94.9514,
103.2058

 90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



42.4716, 26.4202, 47.3646



43.6062, 26.4202, 22.2033



39.0310, 26.4202, 8.8834

Triad

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



43.6062, 26.4202, 22.2033



16.5570, 26.4202, 6.3417



20.0472, 26.4202, 92.9960

Complementary

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



43.6062, 26.4202, 22.2033



45.7546, 69.9747, 65.1335

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.



14.9709, 26.4202, 66.7792



43.6062, 26.4202, 22.2033



13.2739, 26.4202, 15.8134

Square

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



43.6062, 26.4202, 22.2033



22.7008, 26.4202, 3.4910



12.7627, 26.4202, 36.5117



27.6873, 26.4202, 98.0452

Rectangle

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



43.6062, 26.4202, 22.2033



33.8332, 26.4202, 5.0534



12.7627, 26.4202, 36.5117



18.0346, 26.4202, 85.8886

Sweetspot

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



43.6069, 26.4217, 22.2037



75.4681, 69.4998, 75.6638



42.1736, 24.2416, 87.2500



15.6531, 14.1057, 15.3189



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.



43.6069, 26.4217, 22.2037



45.0461, 24.6766, 16.1335



44.7054, 32.1645, 11.6387



16.6840, 16.5564, 18.0824



20.8739, 10.6930, 4.0441



1.8759, 0.9563, 0.5731

Inverse Universe

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



43.6069, 26.4217, 22.2037



45.0461, 24.6766, 16.1335



42.1038, 53.2847, 92.8595



16.6840, 16.5564, 18.0824



20.8739, 10.6930, 4.0441



1.8759, 0.9563, 0.5731

Previews

White Background



This preview shows how the XYZ color 43.6062, 26.4202, 22.2033 looks on a white background.

Color Contrast Check

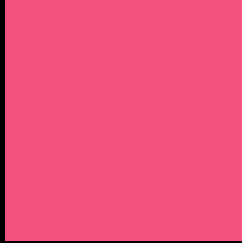
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6062, 26.4202, 22.2033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

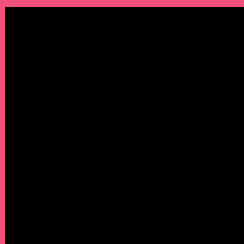
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6062, 26.4202, 22.2033

Background



This preview shows how black text looks on a background with the XYZ color 43.6062, 26.4202, 22.2033.



This preview shows how white text looks on a background with the XYZ color 43.6062, 26.4202,

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

43.6062, 26.4202, 22.2033

Protanopia

26.1113, 26.6795, 35.6717

Deuteranopia

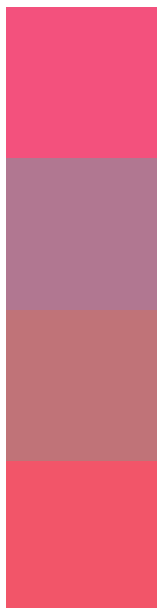
26.9791, 26.3988, 20.5032



Tritanopia

41.7411, 26.4705, 13.2652

Trichromacy



Original Color

43.6062, 26.4202, 22.2033

Protanomaly

29.8391, 24.5851, 29.9608

Deuteranomaly

31.2591, 24.8240, 20.9133

Tritanomaly

42.4163, 26.3942, 16.2236

Monochromacy



Original Color

43.6062, 26.4202, 22.2033

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

27.6830, 22.8988, 24.4336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6062, 26.4202, 22.2033 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(243, 81, 125)` looks like.

```
.text, #text, p{  
    color:rgb(243, 81, 125)  
}
```

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(243, 81, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 81, 125) }
```

Border

The CSS property to change the border of an element to XYZ 43.6062, 26.4202, 22.2033 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(243, 81, 125) }
```


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

```
.border{ border-color:rgb(243, 81, 125) }
```

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

Here you see how a box with a 4 pixel rgb(243, 81, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 81, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 81, 125);  
box-shadow:4px 4px 4px 4px rgb(243, 81,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6062, 26.4202, 22.2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 81, 125) }
```

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

```
.background{ background-color: rgb(243, 81,  
125) }
```

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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