

Converting Colors

XYZ(44.7539, 25.4119, 16.4995)

Have a look what the booklet for
XYZ(44.7539, 25.4119, 16.4995)
contains.

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Color

**XYZ(44.5762, 25.3120,
16.4462)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC3F6B |
| RGB | 252, 63, 107 |
| RGB Percent | 99%, 25%, 42% |
| CMY | 0.0118, 0.7529, 0.5804 |
| CMYK | 0.00, 0.75, 0.58, 0.01 |
| HSL | 346°, 97%, 62% |
| HSV | 346°, 75%, 99% |
| XYZ | 44.5762, 25.3120, 16.4462 |
| YIQ | 124.5270, 98.5200, 53.7520 |

Conversions

Conversions Part 2

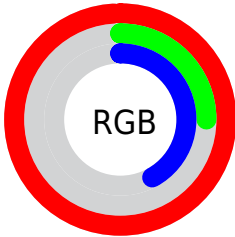
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 252, 63, 107 |
| Decimal | 16531307 |
| CIE Lab | 57.38, 72.19, 20.00 |
| CIE LCh | 57, 74.905, 15.488 |
| Yxy | 25.3120, 0.5163, 0.2932 |
| Android (android.graphics.Color) | 4294721387 (0xFFFC3F6B) |
| YUV | 124.5270, -8.6408, 111.7938 |
| Hunter-Lab | 50.3110, 70.1089, 15.8364 |

Details

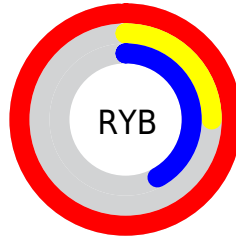
The XYZ color **44.5762, 25.3120, 16.4462** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **48.2478, 75.2323, 71.6614**, and the grayscale version is **19.3411, 20.3483, 22.1593**.

A 20% lighter version of the original color is **54.7452, 38.3959, 36.8735**, and **21.5546, 11.0176, 5.2655** is the 20% darker color. If you saturate the color by 10%, you get **42.5795, 22.7688, 11.3107**, and if you desaturate by 10%, it is **47.4396, 29.2250, 22.9929**.

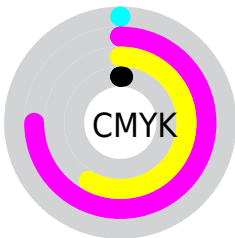
Distribution



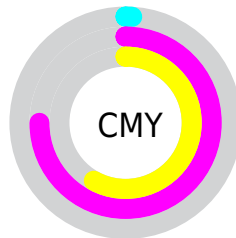
- Red (99%)
- Green (25%)
- Blue (42%)



- Red (99%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (75%)
- Yellow (58%)
- Black (1%)





- Cyan (1%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5762, 25.3120, 16.4462 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 44.5762, 25.3120, 16.4462 by changing the saturation by 10% instead.


 44.5762, 25.3120,
16.4462


 44.5762, 25.3120,
16.4462

355.8671,
279.3882, 243.8954


 31.3236, 16.3097,
9.6827


 81.3251, 52.1629,
38.1486

 20.9984, 9.7435,
5.0862


 105.5521, 70.7803,
53.9246


 13.2353, 5.2292,
2.2383

 134.1679, 93.3715,
73.5418

 7.6689, 2.3824,
0.6964

 167.5379,
120.3208, 97.4188

 3.9338, 0.8168,
0.0000

 206.0275,
152.0128, 125.9741

 1.6648, 0.0000,
0.0000

250.0020,

 0.4341, 0.0000,

188.8318, 159.6263

0.0000

299.8267,
231.1621, 198.7939

■ 0.0000, 0.0000,
0.0000

■ 44.5762, 25.3120,
16.4462

■ 44.5762, 25.3120,
16.4462

■ 42.5795, 22.7688,
11.3107

■ 47.4396, 29.2250,
22.9929

■ 41.3372, 21.3948,
7.4729


■ 51.2588, 34.6633,
31.0487


■ 40.9251, 21.0075,
5.9885


■ 56.1134, 41.7658,
40.7036

■ 62.0742, 50.6547,
52.0397

■ 69.2053, 61.4406,
65.1336

 77.5658, 74.2250,
80.0568

 87.2111, 89.1024,
96.8769

 93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



44.6899, 25.3120, 41.7376



44.5762, 25.3120, 16.4462



38.1414, 25.3120, 5.3162

Triad

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



44.5762, 25.3120, 16.4462



13.8119, 25.3120, 5.5154



20.0241, 25.3120, 107.3057

Complementary

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



44.5762, 25.3120, 16.4462



48.2478, 75.2323, 71.6614

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.



13.9545, 25.3120, 79.2820



44.5762, 25.3120, 16.4462



11.0146, 25.3120, 17.0233

Square

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



44.5762, 25.3120, 16.4462



19.7765, 25.3120, 2.1825



11.0594, 25.3120, 42.8082



28.9174, 25.3120, 106.7728

Rectangle

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



44.5762, 25.3120, 16.4462



31.8697, 25.3120, 2.7053



11.0594, 25.3120, 42.8082



17.6406, 25.3120, 100.4053

Sweetspot

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



44.5768, 25.3135, 16.4466



73.5187, 66.8122, 71.2803



45.3340, 23.9807, 94.3343



15.2625, 13.5789, 14.4040



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.



44.5768, 25.3135, 16.4466



43.0066, 22.5401, 9.4651



46.9933, 32.9564, 8.5891



17.4101, 17.2914, 18.7494



21.3650, 10.9617, 3.3647



2.0177, 1.0308, 0.5168

Inverse Universe

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



44.5768, 25.3135, 16.4466



43.0066, 22.5401, 9.4651



40.6490, 50.1406, 99.6306



17.4101, 17.2914, 18.7494



21.3650, 10.9617, 3.3647



2.0177, 1.0308, 0.5168

Previews

White Background



This preview shows how the XYZ color 44.5762, 25.3120, 16.4462 looks on a white background.

Color Contrast Check

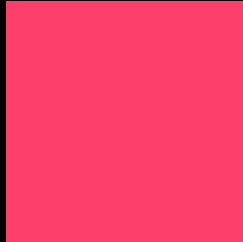
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.5762, 25.3120, 16.4462 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 44.5762, 25.3120, 16.4462

Background



This preview shows how black text looks on a background with the XYZ color 44.5762, 25.3120, 16.4462.



This preview shows how white text looks on a background with the XYZ color 44.5762, 25.3120,

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

44.5762, 25.3120, 16.4462

Protanopia

24.4756, 25.3333, 29.1910

Deuteranopia

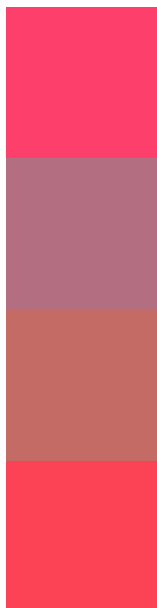
25.7657, 25.2769, 15.0762



Tritanopia

42.8171, 25.1854, 8.9079

Trichromacy



Original Color

44.5762, 25.3120, 16.4462

Protanomaly

28.3608, 22.4401, 23.6055

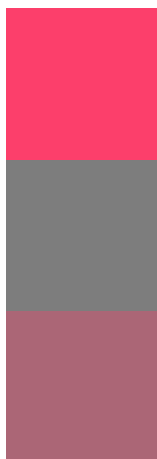
Deuteranomaly

30.3716, 23.1907, 15.1874

Tritanomaly

43.4305, 25.1794, 11.1654

Monochromacy



Original Color

44.5762, 25.3120, 16.4462

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

24.8160, 19.4687, 19.5894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5762, 25.3120, 16.4462 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(252, 63, 107)` looks like.

```
.text, #text, p{  
    color:rgb(252, 63, 107)  
}
```

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(252, 63, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 63, 107) }
```

Border

The CSS property to change the border of an element to XYZ 44.5762, 25.3120, 16.4462 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(252, 63, 107) }
```


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

```
.border{ border-color:rgb(252, 63, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 63, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 63, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 63, 107);  
box-shadow:4px 4px 4px 4px rgb(252, 63,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5762, 25.3120, 16.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 63, 107) }
```

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

```
.background{ background-color: rgb(252, 63,  
107) }
```

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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