

# Converting Colors

XYZ(56.3532, 45.4206, 41.3942)

Have a look what the booklet for  
XYZ(56.3532, 45.4206, 41.3942)  
contains.

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# **Color**

**XYZ(56.3532, 45.4206,  
41.3942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F69AA5
RGB	246, 154, 165
RGB Percent	96%, 60%, 65%
CMY	0.0353, 0.3961, 0.3529
CMYK	0.00, 0.37, 0.33, 0.04
HSL	353°, 84%, 78%
HSV	353°, 37%, 96%
XYZ	56.3532, 45.4206, 41.3942
YIQ	182.7620, 51.3010, 22.9250

# Conversions

## Conversions Part 2

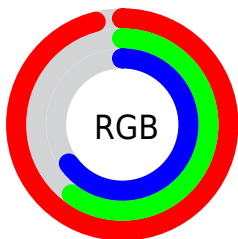
Format	Color
R <sub>Y</sub> B	246, 154, 165
Decimal	16161445
CIE Lab	73.17, 35.70, 8.85
CIE LCh	73, 36.782, 13.927
Yxy	45.4206, 0.3936, 0.3173
Android (android.graphics.Color)	4294351525 (0xFFFF69AA5)
YUV	182.7620, -8.7567, 55.4597
Hunter-Lab	67.3948, 31.3146, 10.7602

# Details

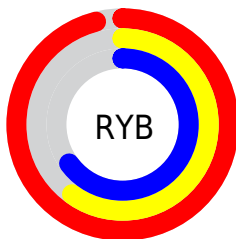
The XYZ color **56.3532, 45.4206, 41.3942** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.2797, 78.7809, 90.5779**, and the grayscale version is **44.9072, 47.2459, 51.4508**.

A 20% lighter version of the original color is **76.9587, 72.0282, 77.5568**, and **28.1278, 21.0644, 18.2061** is the 20% darker color. If you saturate the color by 10%, you get **50.8938, 37.3942, 30.6577**, and if you desaturate by 10%, it is **62.9808, 55.2488, 54.1683**.

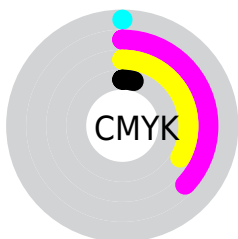
# Distribution



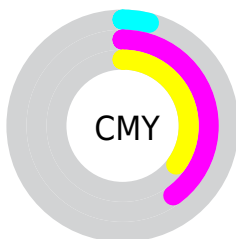
- Red (96%)
- Green (60%)
- Blue (65%)



- Red (96%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (4%)




- Cyan (4%)
- Magenta (40%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3532, 45.4206, 41.3942 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 56.3532, 45.4206, 41.3942 by changing the saturation by 10% instead.





 56.3532, 45.4206,  
41.3942


 56.3532, 45.4206,  
41.3942


401.0747,  
368.4743, 367.6908

 40.7243, 31.7888,  
28.3052

 98.6576, 83.3512,  
78.5421

 28.2904, 21.2003,  
18.3148


 126.0638,  
108.4189, 103.4381

 18.6863, 13.2705,  
11.0045


158.1265,  
138.0672, 133.1069

 11.5465, 7.6151,  
5.9556

195.2111,  
172.6808, 167.9669

 6.5057, 3.8496,  
2.7498

237.6828,  
212.6439, 208.4368

 3.1985, 1.5898,  
0.9683

285.9071,

 1.2596, 0.3507,

258.3409, 254.9350

0.0000

340.2493,  
310.1563, 307.8802

■ 0.1526, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.3532, 45.4206,  
41.3942

■ 56.3532, 45.4206,  
41.3942

■ 50.8938, 37.3942,  
30.6577

■ 62.9808, 55.2488,  
54.1683

■ 46.5311, 31.0539,  
21.8505

■ 70.8356, 66.9722,  
69.0752

■ 43.1912, 26.2810,  
14.8583

■ 79.9766, 80.6853,  
86.2074

■ 40.7895, 22.9385,  
9.5536

■ 90.4581, 96.4747,  
105.6511

■ 39.2274, 20.8656,  
5.7919

■ 91.8162, 98.3329,  
108.7487

■ 38.3797, 19.8536,  
3.4026

■ 38.2329, 19.6836,  
2.9728

# Harmonies

## Analogous

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



56.2098, 45.4206, 59.9485



56.3532, 45.4206, 41.3942



52.7272, 45.4206, 28.6907

# Triad

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



56.3532, 45.4206, 41.3942



35.1305, 45.4206, 28.0418



39.8295, 45.4206, 92.0077

# Complementary

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



56.3532, 45.4206, 41.3942



61.2797, 78.7809, 90.5779

# 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.



34.8452, 45.4206, 78.3947



56.3532, 45.4206, 41.3942



32.3225, 45.4206, 40.2641

# Square

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



56.3532, 45.4206, 41.3942



40.2559, 45.4206, 22.3832



32.2236, 45.4206, 58.5004



46.2234, 45.4206, 92.5291



# Rectangle

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



56.3532, 45.4206, 41.3942



48.8509, 45.4206, 23.9319



32.2236, 45.4206, 58.5004



37.9492, 45.4206, 88.6832

# Sweetspot

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



56.3544, 45.4228, 41.3951



83.0209, 81.9010, 86.5186



62.0358, 47.2146, 93.0328



17.4787, 17.0932, 17.9731



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.



56.3544, 45.4228, 41.3951



56.4844, 42.4212, 35.7674



61.7666, 57.7805, 38.4719



16.5797, 16.5147, 17.5332



20.4334, 10.5168, 1.7246



1.8214, 0.9345, 0.2857



# Inverse Universe

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



56.3544, 45.4228, 41.3951



56.4844, 42.4212, 35.7674



53.5731, 60.7461, 96.0906



16.5797, 16.5147, 17.5332



20.4334, 10.5168, 1.7246



1.8214, 0.9345, 0.2857



# Previews

## White Background



This preview shows how the XYZ color 56.3532, 45.4206, 41.3942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.3532, 45.4206, 41.3942 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 ✓ Pass

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

**XYZ 56.3532, 45.4206, 41.3942**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.3532, 45.4206, 41.3942.



This preview shows how white text looks on a background with the XYZ color 56.3532, 45.4206,

41.3942.

# 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

56.3532, 45.4206, 41.3942

### Protanopia

43.7852, 45.5622, 49.1345

### Deuteranopia

46.5595, 45.7181, 40.5529



## Tritanopia

56.3532, 45.4206, 41.3942

# Trichromacy



## Original Color

56.3532, 45.4206, 41.3942

## Protanomaly

47.4683, 44.9273, 46.2144

## Deuteranomaly

49.6430, 45.3418, 40.7857

## Tritanomaly

56.3532, 45.4206, 41.3942

# Monochromacy



## Original Color

56.3532, 45.4206, 41.3942

## Achromatopsia

45.0092, 47.3531, 51.5676

## Achromatomaly

48.0426, 45.7614, 47.3750

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.3532, 45.4206, 41.3942 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(246, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(246, 154, 165)  
}
```

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(246, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 154, 165) }
```

## Border

The CSS property to change the border of an element to XYZ 56.3532, 45.4206, 41.3942 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(246, 154, 165) }
```



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

```
.border{ border-color:rgb(246, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(246, 154,  
165) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.3532, 45.4206, 41.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 154, 165) }
```

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

```
.background{ background-color: rgb(246,  
154, 165) }
```

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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