

Converting Colors

XYZ(56.4388, 44.1720, 41.3483)

Have a look what the booklet for
XYZ(56.4388, 44.1720, 41.3483)
contains.

XYZ(56.6059, 44.3512, 41.1745)	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(56.6059, 44.3512,
41.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	F995A5
RGB	249, 149, 165
RGB Percent	98%, 58%, 65%
CMY	0.0235, 0.4157, 0.3529
CMYK	0.00, 0.40, 0.34, 0.02
HSL	350°, 89%, 78%
HSV	350°, 40%, 98%
XYZ	56.6059, 44.3512, 41.1745
YIQ	180.7240, 54.4640, 26.1760

Conversions

Conversions Part 2

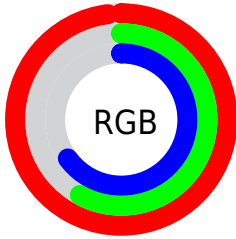
Format	Color
R _Y B	249, 149, 165
Decimal	16356773
CIE Lab	72.46, 39.37, 7.89
CIE LCh	72, 40.152, 11.338
Yxy	44.3512, 0.3983, 0.3120
Android (android.graphics.Color)	4294546853 (0xFFFF995A5)
YUV	180.7240, -7.7519, 59.8781
Hunter-Lab	66.5967, 35.1773, 9.9607

Details

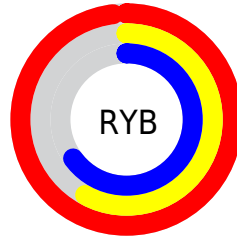
The XYZ color **56.6059, 44.3512, 41.1745** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.9801, 80.0252, 89.3274**, and the grayscale version is **43.7930, 46.0736, 50.1742**.

A 20% lighter version of the original color is **75.7511, 69.6130, 77.1543**, and **28.3987, 20.5051, 18.0839** is the 20% darker color. If you saturate the color by 10%, you get **51.3285, 36.5980, 30.7780**, and if you desaturate by 10%, it is **63.0392, 53.9175, 53.4934**.

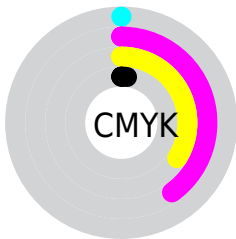
Distribution



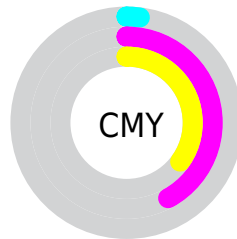
- Red (98%)
- Green (58%)
- Blue (65%)



- Red (98%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6059, 44.3512, 41.1745 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 56.6059, 44.3512, 41.1745 by changing the saturation by 10% instead.


 56.6059, 44.3512,
41.1745


 56.6059, 44.3512,
41.1745


402.0090,
364.1395, 366.7476

 40.9278, 30.9467,
28.1347


 99.0246, 81.7460,
78.2053

 28.4501, 20.5583,
18.1873


 126.4959,
106.5050, 103.0333

 18.8074, 12.8015,
10.9137


158.6290,
135.8177, 132.6279

 11.6344, 7.2920,
5.8954

195.7893,
170.0684, 167.4076

 6.5657, 3.6454,
2.7138

238.3421,
209.6416, 207.7909

 3.2359, 1.4772,
0.9504

286.6527,

 1.2797, 0.2726,

254.9215, 254.1963

0.0000

341.0866,
306.2927, 307.0423

■ 0.1679, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6059, 44.3512,
41.1745

■ 56.6059, 44.3512,
41.1745

■ 51.3285, 36.5980,
30.7780

■ 63.0392, 53.9175,
53.4934

■ 47.1340, 30.5369,
22.2037

■ 70.6883, 65.3946,
67.8227

■ 43.9470, 26.0426,
15.3459

■ 79.6131, 78.8812,
84.2483

■ 41.6801, 22.9696,
10.0869

■ 89.8686, 94.4671,
102.8499

■ 40.2308, 21.1448,
6.2937

■ 92.8770, 98.8798,
108.7983

■ 39.4471, 20.2918,
3.8299

Harmonies

Analogous

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



56.0717, 44.3512, 61.5516



56.6059, 44.3512, 41.1745



52.9645, 44.3512, 27.2268

Triad

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



56.6059, 44.3512, 41.1745



33.9563, 44.3512, 24.9427



38.0352, 44.3512, 94.1853

Complementary

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



56.6059, 44.3512, 41.1745



60.9801, 80.0252, 89.3274

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.



32.9255, 44.3512, 78.1151



56.6059, 44.3512, 41.1745



30.7547, 44.3512, 37.0863

Square

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



56.6059, 44.3512, 41.1745



39.5903, 44.3512, 19.7184



30.3992, 44.3512, 56.1834



44.8271, 44.3512, 96.1675

Rectangle

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



56.6059, 44.3512, 41.1745



48.8699, 44.3512, 21.9610



30.3992, 44.3512, 56.1834



36.0843, 44.3512, 90.0814

Sweetspot

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



56.6071, 44.3534, 41.1754



82.1873, 80.4602, 85.5433



61.2348, 45.5484, 95.1870



17.3181, 16.8081, 17.8087



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.



56.6071, 44.3534, 41.1754



55.2550, 40.1986, 34.6293



61.2895, 55.9043, 35.9968



17.3578, 17.2705, 18.4740



21.1486, 10.8752, 2.2251



1.9904, 1.0199, 0.3731

Inverse Universe

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



56.6071, 44.3534, 41.1754



55.2550, 40.1986, 34.6293



53.9657, 62.1720, 98.7788



17.3578, 17.2705, 18.4740



21.1486, 10.8752, 2.2251



1.9904, 1.0199, 0.3731

Previews

White Background



This preview shows how the XYZ color 56.6059, 44.3512, 41.1745 looks on a white background.

Color Contrast Check

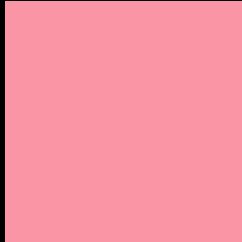
Large Text (above 18pt) WCAG AA × Fail

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 56.6059, 44.3512, 41.1745 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 56.6059, 44.3512, 41.1745

Background



This preview shows how black text looks on a background with the XYZ color 56.6059, 44.3512, 41.1745.



This preview shows how white text looks on a background with the XYZ color 56.6059, 44.3512,

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

56.6059, 44.3512, 41.1745

Protanopia

43.1187, 44.6042, 50.0529

Deuteranopia

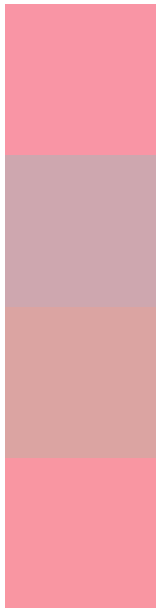
45.5427, 44.6348, 39.9332



Tritanopia

56.4063, 44.5256, 39.3396

Trichromacy



Original Color

56.6059, 44.3512, 41.1745

Protanomaly

47.0102, 43.8544, 46.5445

Deuteranomaly

49.0105, 44.2196, 40.1345

Tritanomaly

56.4949, 44.5611, 39.8060

Monochromacy



Original Color

56.6059, 44.3512, 41.1745

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.3794, 44.5929, 46.6676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6059, 44.3512, 41.1745 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(249, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(249, 149, 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(249, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 149, 165) }
```

Border

The CSS property to change the border of an element to XYZ 56.6059, 44.3512, 41.1745 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(249, 149, 165) }
```


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

```
.border{ border-color:rgb(249, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(249, 149,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6059, 44.3512, 41.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 149, 165) }
```

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

```
.background{ background-color: rgb(249,  
149, 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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