

Converting Colors

XYZ(56.2115, 43.6000, 33.6210)

Have a look what the booklet for
XYZ(56.2115, 43.6000, 33.6210)
contains.

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Color

**XYZ(56.1322, 43.5785,
33.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9294
RGB	253, 146, 148
RGB Percent	99%, 57%, 58%
CMY	0.0078, 0.4274, 0.4196
CMYK	0.00, 0.42, 0.42, 0.01
HSL	359°, 96%, 78%
HSV	359°, 42%, 99%
XYZ	56.1322, 43.5785, 33.4700
YIQ	178.2210, 63.1300, 23.3060

Conversions

Conversions Part 2

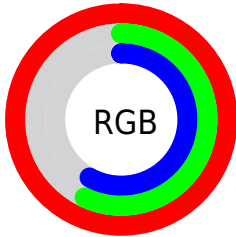
Format	Color
R _Y B	253, 146, 148
Decimal	16618132
CIE Lab	71.95, 40.42, 16.65
CIE LCh	72, 43.715, 22.392
Yxy	43.5785, 0.4215, 0.3272
Android (android.graphics.Color)	4294808212 (0xFFFD9294)
YUV	178.2210, -14.8990, 65.5812
Hunter-Lab	66.0140, 36.2553, 16.1490

Details

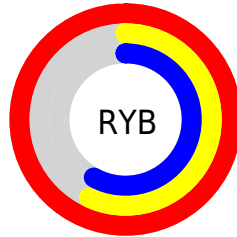
The XYZ color **56.1322, 43.5785, 33.4700** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3940, 83.3275, 103.9614**, and the grayscale version is **42.4880, 44.7007, 48.6791**.

A 20% lighter version of the original color is **72.7873, 67.2976, 65.0305**, and **28.0643, 20.0292, 13.6961** is the 20% darker color. If you saturate the color by 10%, you get **50.8958, 35.9206, 23.0465**, and if you desaturate by 10%, it is **62.6553, 53.1351, 46.4026**.

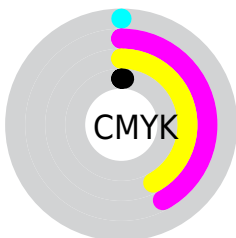
Distribution



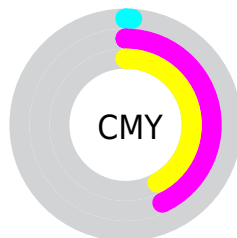
- Red (99%)
- Green (57%)
- Blue (58%)



- Red (99%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1322, 43.5785, 33.4700 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 56.1322, 43.5785, 33.4700 by changing the saturation by 10% instead.


 56.1322, 43.5785,
33.4700

 56.1322, 43.5785,
33.4700


400.2565,
360.9855, 332.4590

 40.5463, 30.3393,
22.2127


 98.3365, 80.5831,
66.2331

 28.1509, 20.0963,
13.8134


 125.6857,
105.1173, 88.5759

 18.5805, 12.4650,
7.8538


157.6867,
134.1852, 115.4510

 11.4697, 7.0612,
3.9151

194.7049,
168.1714, 147.2768

 6.4533, 3.5004,
1.5789

237.1056,
207.4601, 184.4720

 3.1659, 1.3982,
0.2757

285.2542,

 1.2421, 0.2154,

252.4357, 227.4551

0.0000

339.5160,
303.4827, 276.6446

■ 0.1392, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1322, 43.5785,
33.4700

■ 56.1322, 43.5785,
33.4700

■ 50.8958, 35.9206,
23.0465

■ 62.6553, 53.1351,
46.4026

■ 46.8579, 30.0289,
14.9672

■ 70.5387, 64.6983,
61.9897

■ 43.9246, 25.7643,
9.0513

■ 79.8547, 78.3758,
80.3688

■ 41.9868, 22.9638,
5.0908

■ 90.6692, 94.2656,
101.6670

■ 40.9129, 21.4311,
2.8367

94.3180, 99.6226,
108.8657

■ 40.5338, 20.8930,
2.0318

Harmonies

Analogous

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



57.3091, 43.5785, 53.0928



56.1322, 43.5785, 33.4700



50.7947, 43.5785, 21.7981

Triad

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



56.1322, 43.5785, 33.4700



31.0735, 43.5785, 26.5531



39.5518, 43.5785, 100.8592

Complementary

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



56.1322, 43.5785, 33.4700



64.3940, 83.3275, 103.9614

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.



33.2763, 43.5785, 87.9520



56.1322, 43.5785, 33.4700



28.7781, 43.5785, 42.2211

Square

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



56.1322, 43.5785, 33.4700



36.1975, 43.5785, 18.7207



29.5333, 43.5785, 64.8632



47.1222, 43.5785, 96.4078

Rectangle

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



56.1322, 43.5785, 33.4700



45.9078, 43.5785, 18.0974



29.5333, 43.5785, 64.8632



37.2348, 43.5785, 98.2997

Sweetspot

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



56.1333, 43.5807, 33.4708



80.5691, 78.7220, 80.3849



67.2312, 47.8712, 98.6251



16.7744, 16.1584, 16.2775



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.



56.1333, 43.5807, 33.4708



52.4225, 37.4567, 24.6736



65.4226, 62.4096, 35.7951



18.0231, 17.9926, 18.7389



21.5683, 11.1166, 1.1113



2.1046, 1.0842, 0.1325

Inverse Universe

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



56.1333, 43.5807, 33.4708



52.4225, 37.4567, 24.6736



50.9573, 55.9483, 101.0418



18.0231, 17.9926, 18.7389



21.5683, 11.1166, 1.1113



2.1046, 1.0842, 0.1325

Previews

White Background



This preview shows how the XYZ color 56.1322, 43.5785, 33.4700 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 56.1322, 43.5785, 33.4700 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 56.1322, 43.5785, 33.4700

Background



This preview shows how black text looks on a background with the XYZ color 56.1322, 43.5785, 33.4700.



This preview shows how white text looks on a background with the XYZ color 56.1322, 43.5785,

33.4700.

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

56.1322, 43.5785, 33.4700

Protanopia

41.6646, 43.7623, 40.9013

Deuteranopia

44.5856, 43.7422, 32.4787



Tritanopia

56.9148, 43.6882, 36.4433

Trichromacy



Original Color

56.1322, 43.5785, 33.4700



Protanomaly

45.6391, 42.7888, 38.2014



Deuteranomaly

47.9799, 43.0637, 32.5714



Tritanomaly

56.6659, 43.5886, 35.1326

Monochromacy



Original Color

56.1322, 43.5785, 33.4700



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.7881, 43.0416, 42.4538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1322, 43.5785, 33.4700 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(253, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(253, 146, 148)  
}
```

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(253, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 146, 148) }
```

Border

The CSS property to change the border of an element to XYZ 56.1322, 43.5785, 33.4700 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(253, 146, 148) }
```


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

```
.border{ border-color:rgb(253, 146, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(253, 146,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1322, 43.5785, 33.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 146, 148) }
```

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

```
.background{ background-color: rgb(253,  
146, 148) }
```

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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