

Converting Colors

XYZ(52.6670, 41.1327, 32.3577)

Have a look what the booklet for
XYZ(52.6670, 41.1327, 32.3577)
contains.

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Color

**XYZ(52.6670, 41.1327,
32.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	F58F92
RGB	245, 143, 146
RGB Percent	96%, 56%, 57%
CMY	0.0392, 0.4392, 0.4274
CMYK	0.00, 0.42, 0.40, 0.04
HSL	358°, 84%, 76%
HSV	358°, 42%, 96%
XYZ	52.6670, 41.1327, 32.3577
YIQ	173.8400, 59.8290, 22.5570

Conversions

Conversions Part 2

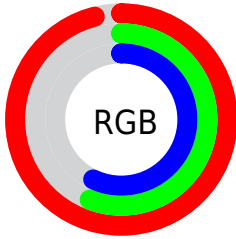
Format	Color
R _Y B	245, 143, 146
Decimal	16093074
CIE Lab	70.27, 38.83, 15.27
CIE LCh	70, 41.727, 21.471
Yxy	41.1327, 0.4175, 0.3260
Android (android.graphics.Color)	4294283154 (0xFFFF58F92)
YUV	173.8400, -13.7251, 62.4073
Hunter-Lab	64.1348, 34.3470, 14.9810

Details

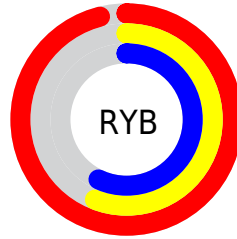
The XYZ color **52.6670, 41.1327, 32.3577** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0091, 77.5562, 95.8158**, and the grayscale version is **40.1977, 42.2911, 46.0551**.

A 20% lighter version of the original color is **71.8594, 65.8183, 63.5604**, and **26.1021, 18.7658, 13.3128** is the 20% darker color. If you saturate the color by 10%, you get **47.7210, 33.8996, 22.5122**, and if you desaturate by 10%, it is **58.8030, 50.1300, 44.4989**.

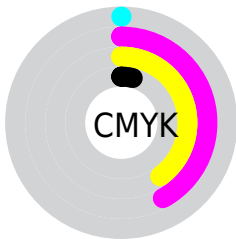
Distribution



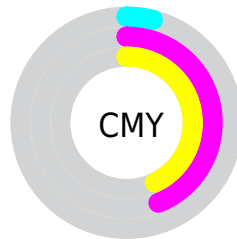
- Red (96%)
- Green (56%)
- Blue (57%)



- Red (96%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (42%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6670, 41.1327, 32.3577 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 52.6670, 41.1327, 32.3577 by changing the saturation by 10% instead.


 52.6670, 41.1327,
32.3577


 52.6670, 41.1327,
32.3577


387.2880,
350.8749, 327.2883

 37.7634, 28.4228,
21.3678


 93.2826, 76.8853,
64.4758

 25.9755, 18.6446,
13.1992


 119.7253,
100.6968, 86.4411

 16.9379, 11.4138,
7.4336


150.7451,
128.9776, 112.9020

 10.2853, 6.3459,
3.6522

186.7074,
162.1120, 144.2769

 5.6522, 3.0565,
1.4365

227.9775,
200.4846, 180.9845

 2.6734, 1.1613,
0.1700

274.9207,

 0.9835, 0.0298,

244.4797, 223.4432

0.0000

327.9024,
294.4817, 272.0716

■ 0.0000, 0.0000,
0.0000

■ 52.6670, 41.1327,
32.3577

■ 52.6670, 41.1327,
32.3577

■ 47.7210, 33.8996,
22.5122

■ 58.8030, 50.1300,
44.4989

■ 43.8849, 28.3092,
14.8157

■ 66.1958, 60.9901,
59.0651

■ 41.0740, 24.2347,
9.1085

■ 74.9112, 73.8119,
76.1788

■ 39.1897, 21.5277,
5.2077

■ 85.0092, 88.6853,
95.9537

■ 38.1144, 20.0105,
2.8964

■ 91.4662, 98.1525,
108.7323

■ 37.6956, 19.4283,
1.9698

Harmonies

Analogous

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



53.6092, 41.1327, 50.6124



52.6670, 41.1327, 32.3577



47.8801, 41.1327, 21.2972

Triad

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



52.6670, 41.1327, 32.3577



29.6767, 41.1327, 25.1711



37.1758, 41.1327, 93.3614

Complementary

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



52.6670, 41.1327, 32.3577



60.0091, 77.5562, 95.8158

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.



31.4568, 41.1327, 81.2188



52.6670, 41.1327, 32.3577



27.4705, 41.1327, 39.4258

Square

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



52.6670, 41.1327, 32.3577



34.4730, 41.1327, 18.0698



28.0819, 41.1327, 60.0489



44.1135, 41.1327, 89.8186

Rectangle

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



52.6670, 41.1327, 32.3577



43.4287, 41.1327, 17.7108



28.0819, 41.1327, 60.0489



35.0603, 41.1327, 90.8756

Sweetspot

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



52.6681, 41.1348, 32.3585



81.6347, 80.2391, 82.6329



62.7858, 45.0461, 91.7719



17.1893, 16.7566, 17.1300



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.



52.6681, 41.1348, 32.3585



53.0074, 38.2135, 26.1415



61.1591, 58.4848, 34.0545



16.5189, 16.4904, 17.2129



20.3161, 10.4699, 1.1071



1.7924, 0.9229, 0.1331

Inverse Universe

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



52.6681, 41.1348, 32.3585



53.0074, 38.2135, 26.1415



47.8682, 52.5486, 94.0063



16.5189, 16.4904, 17.2129



20.3161, 10.4699, 1.1071



1.7924, 0.9229, 0.1331

Previews

White Background



This preview shows how the XYZ color 52.6670, 41.1327, 32.3577 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 52.6670, 41.1327, 32.3577 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 52.6670, 41.1327, 32.3577

Background



This preview shows how black text looks on a background with the XYZ color 52.6670, 41.1327, 32.3577.



This preview shows how white text looks on a background with the XYZ color 52.6670, 41.1327,

32.3577.

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

52.6670, 41.1327, 32.3577

Protanopia

39.5456, 41.5432, 39.6526

Deuteranopia

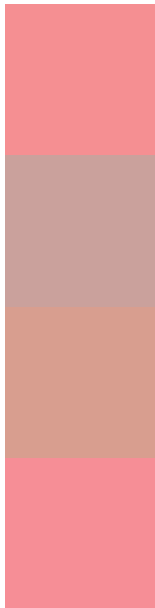
42.0719, 41.3675, 31.3585



Tritanopia

53.3465, 41.2058, 34.8476

Trichromacy



Original Color

52.6670, 41.1327, 32.3577

Protanomaly

43.1027, 40.4466, 36.9877

Deuteranomaly

45.5037, 41.0358, 31.5090

Tritanomaly

53.1841, 41.1408, 33.9920

Monochromacy



Original Color

52.6670, 41.1327, 32.3577

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.6175, 41.1541, 40.7666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6670, 41.1327, 32.3577 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(245, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(245, 143, 146)  
}
```

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(245, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 52.6670, 41.1327, 32.3577 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(245, 143, 146) }
```


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

```
.border{ border-color:rgb(245, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(245, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6670, 41.1327, 32.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 143, 146) }
```

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

```
.background{ background-color: rgb(245,  
143, 146) }
```

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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