

Converting Colors

XYZ(78.2246, 46.0051, 41.2960)

Have a look what the booklet for
XYZ(78.2246, 46.0051, 41.2960)
contains.

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Color

**XYZ(52.5827, 32.7854,
40.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	FF62A7
RGB	255, 98, 167
RGB Percent	100%, 38%, 65%
CMY	0.0000, 0.6157, 0.3451
CMYK	0.00, 0.62, 0.35, 0.00
HSL	334°, 100%, 69%
HSV	334°, 62%, 100%
XYZ	52.5827, 32.7854, 40.1160
YIQ	152.8090, 71.4230, 54.7430

Conversions

Conversions Part 2

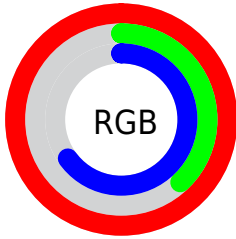
Format	Color
R _{YB}	255, 98, 167
Decimal	16736935
CIE Lab	63.99, 65.69, -5.47
CIE LCh	64, 65.917, 355.240
Yxy	32.7854, 0.4190, 0.2613
Android (android.graphics.Color)	4294927015 (0xFFFF62A7)
YUV	152.8090, 6.9962, 89.6215
Hunter-Lab	57.2585, 63.7209, -1.4583

Details

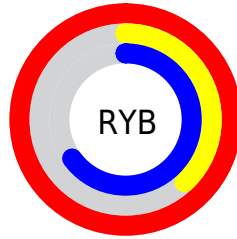
The XYZ color **52.5827, 32.7854, 40.1160** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.6618, 77.6627, 58.8321**, and the grayscale version is **30.1456, 31.7155, 34.5381**.

A 20% lighter version of the original color is **66.3133, 50.3109, 75.3231**, and **25.8865, 13.7949, 17.5180** is the 20% darker color. If you saturate the color by 10%, you get **49.3160, 28.2511, 32.8640**, and if you desaturate by 10%, it is **56.7570, 38.9009, 48.3918**.

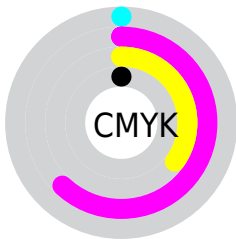
Distribution



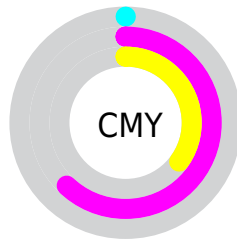
- Red (100%)
- Green (38%)
- Blue (65%)



- Red (100%)
- Yellow (38%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5827, 32.7854, 40.1160 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 52.5827, 32.7854, 40.1160 by changing the saturation by 10% instead.


 52.5827, 32.7854,
40.1160

 52.5827, 32.7854,
40.1160

386.9692,
314.6816, 362.1789


 37.6959, 21.9621,
27.3145


 93.1592, 64.0403,
76.5791


 25.9229, 13.8291,
17.5751

 119.5796, 85.2408,
101.0779

 16.8983, 8.0019,
10.4791


 150.5752,
110.6690, 130.3128

 10.2569, 4.0961,
5.6080

 186.5114,
140.7095, 164.7024

 5.6332, 1.7275,
2.5433

227.7535,
175.7466, 204.6653

 2.6619, 0.4414,
0.8630

274.6670,

 0.9776, 0.0000,

216.1648, 250.6200

0.0000

327.6171,
262.3483, 302.9850

■ 0.0000, 0.0000,
0.0000

■ 52.5827, 32.7854,
40.1160

■ 52.5827, 32.7854,
40.1160

■ 49.3160, 28.2511,
32.8640

■ 56.7570, 38.9009,
48.3918

■ 46.8743, 25.1407,
26.5840

■ 61.9058, 46.7246,
57.7350

■ 45.1632, 23.2735,
21.2203

■ 68.0927, 56.3765,
68.1884

■ 44.1681, 22.4312,
17.3493

■ 75.3747, 67.9641,
79.7916

■ 83.8047, 81.5868,
92.5817

93.4319, 97.3368,
106.5941

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.2727, 32.7854, 73.5578



52.5827, 32.7854, 40.1160



50.2857, 32.7854, 18.0169

Triad

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



52.5827, 32.7854, 40.1160



24.1445, 32.7854, 6.5297



22.0416, 32.7854, 96.4270

Complementary

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



52.5827, 32.7854, 40.1160



49.6618, 77.6627, 58.8321

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.



17.6292, 32.7854, 62.2762



52.5827, 32.7854, 40.1160



18.6633, 32.7854, 13.7440

Square

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



52.5827, 32.7854, 40.1160



32.6683, 32.7854, 5.1264



16.5279, 32.7854, 31.6164



29.7018, 32.7854, 114.8662

Rectangle

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



52.5827, 32.7854, 40.1160



45.5173, 32.7854, 10.2911



16.5279, 32.7854, 31.6164



20.1944, 32.7854, 85.7765

Sweetspot

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



52.5836, 32.7871, 40.1166



78.2458, 72.5823, 84.2133



42.2706, 26.1912, 97.4352



16.2439, 14.7246, 17.2502



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.



52.5836, 32.7871, 40.1166



48.6487, 27.3687, 31.2472



48.5845, 32.4210, 15.2547



18.3410, 18.1197, 20.4127



23.1509, 11.7496, 9.4449



2.3079, 1.1655, 1.2029

Inverse Universe

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



52.5836, 32.7871, 40.1166



48.6487, 27.3687, 31.2472



56.3948, 76.4307, 106.3880



18.3410, 18.1197, 20.4127



23.1509, 11.7496, 9.4449



2.3079, 1.1655, 1.2029

Previews

White Background



This preview shows how the XYZ color 52.5827, 32.7854, 40.1160 looks on a white background.

Color Contrast Check

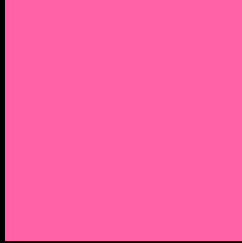
Large Text (above 18pt) WCAG AA × Fail

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 52.5827, 32.7854, 40.1160 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 52.5827, 32.7854, 40.1160

Background



This preview shows how black text looks on a background with the XYZ color 52.5827, 32.7854, 40.1160.



This preview shows how white text looks on a background with the XYZ color 52.5827, 32.7854,

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

52.5827, 32.7854, 40.1160

Protanopia

33.4904, 33.1738, 61.1380

Deuteranopia

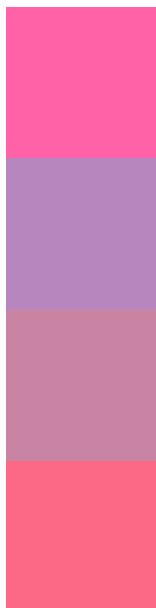
33.6868, 33.0714, 37.4088



Tritanopia

48.4047, 32.7075, 20.2850

Trichromacy



Original Color

52.5827, 32.7854, 40.1160

Protanomaly

37.3478, 30.8352, 52.6985

Deuteranomaly

38.5923, 31.3905, 38.2074

Tritanomaly

49.5696, 32.5479, 26.5914

Monochromacy



Original Color

52.5827, 32.7854, 40.1160

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

35.7943, 30.1908, 36.2886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5827, 32.7854, 40.1160 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(255, 98, 167)` looks like.

```
.text, #text, p{  
  color:rgb(255, 98, 167)  
}
```

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(255, 98, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.5827, 32.7854, 40.1160 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(255, 98, 167) }
```


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

```
.border{ border-color:rgb(255, 98, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5827, 32.7854, 40.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 167) }
```

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

```
.background{ background-color: rgb(255, 98,  
167) }
```

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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