

Converting Colors

XYZ(52.1256, 32.4537, 38.1672)

Have a look what the booklet for
XYZ(52.1256, 32.4537, 38.1672)
contains.

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Color

**XYZ(52.1256, 32.4537,
38.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61A3
RGB	255, 97, 163
RGB Percent	100%, 38%, 64%
CMY	0.0000, 0.6196, 0.3608
CMYK	0.00, 0.62, 0.36, 0.00
HSL	335°, 100%, 69%
HSV	335°, 62%, 100%
XYZ	52.1256, 32.4537, 38.1672
YIQ	151.7660, 72.9820, 54.0220

Conversions

Conversions Part 2

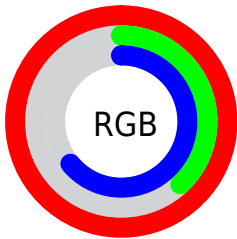
Format	Color
R_{YB}	255, 97, 163
Decimal	16736675
CIE _{Lab}	63.72, 65.66, -3.58
CIE _{LCh}	64, 65.761, 356.883
Yxy	32.4537, 0.4247, 0.2644
Android (android.graphics.Color)	4294926755 (0xFFFF61A3)
YUV	151.7660, 5.5384, 90.5362
Hunter-Lab	56.9681, 63.6324, 0.1549

Details

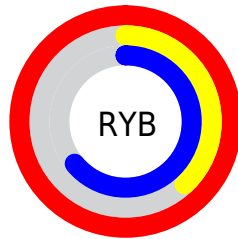
The XYZ color **52.1256, 32.4537, 38.1672** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.8769, 77.7363, 60.5245**, and the grayscale version is **29.7004, 31.2471, 34.0281**.

A 20% lighter version of the original color is **65.6162, 49.7646, 72.4768**, and **25.6339, 13.6501, 16.3226** is the 20% darker color. If you saturate the color by 10%, you get **48.8831, 27.9744, 30.9032**, and if you desaturate by 10%, it is **56.2829, 38.5126, 46.5075**.

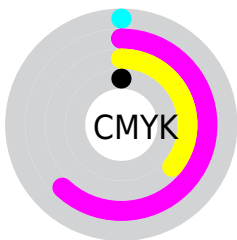
Distribution



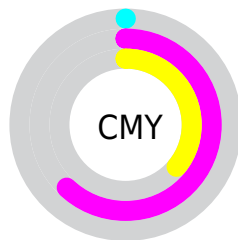
- Red (100%)
- Green (38%)
- Blue (64%)



- Red (100%)
- Yellow (38%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1256, 32.4537, 38.1672 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 52.1256, 32.4537, 38.1672 by changing the saturation by 10% instead.


 52.1256, 32.4537,
38.1672


 52.1256, 32.4537,
38.1672


385.2373,
313.1808, 353.6563

 37.3299, 21.7083,
25.8096


 92.4896, 63.5217,
73.5706

 25.6378, 13.6427,
16.4568


 118.7885, 84.6130,
97.4535

 16.6842, 7.8726,
9.6901


 149.6526,
109.9218, 126.0153

 10.1035, 4.0135,
5.0911

 185.4472,
139.8324, 159.6745

 5.5304, 1.6811,
2.2411

226.5376,
174.7292, 198.8497

 2.5996, 0.4114,
0.6980

273.2892,

 0.9458, 0.0000,

214.9966, 243.9594

0.0000

326.0673,
261.0190, 295.4221

■ 0.0000, 0.0000,
0.0000

■ 52.1256, 32.4537,
38.1672

■ 52.1256, 32.4537,
38.1672

■ 48.8831, 27.9744,
30.9032

■ 56.2829, 38.5126,
46.5075

■ 46.4719, 24.9165,
24.6602

■ 61.4233, 46.2793,
55.9712

■ 44.7963, 23.0973,
19.3786

■ 67.6108, 55.8744,
66.6041

■ 43.8682, 22.3113,
15.7700

■ 74.9034, 67.4060,
78.4486

■ 83.3544, 80.9739,
91.5446

93.0138, 96.6708,
105.9302

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.



48.1848, 32.4537, 70.9244



52.1256, 32.4537, 38.1672



49.4930, 32.4537, 17.0058

Triad

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



52.1256, 32.4537, 38.1672



23.5111, 32.4537, 6.6563



22.1465, 32.4537, 97.1177

Complementary

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



52.1256, 32.4537, 38.1672



49.8769, 77.7363, 60.5245

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.



17.5926, 32.4537, 63.5911



52.1256, 32.4537, 38.1672



18.2633, 32.4537, 14.2374

Square

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



52.1256, 32.4537, 38.1672



31.8194, 32.4537, 5.0331



16.3261, 32.4537, 32.6495



29.8932, 32.4537, 114.0341

Rectangle

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



52.1256, 32.4537, 38.1672



44.6040, 32.4537, 9.7375



16.3261, 32.4537, 32.6495



20.2556, 32.4537, 86.7983

Sweetspot

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



52.1264, 32.4554, 38.1678



77.2797, 71.2022, 82.1895



42.7059, 26.2775, 97.4290



16.0487, 14.4537, 16.8171



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.



52.1264, 32.4554, 38.1678



48.3258, 27.2396, 29.5468



48.7124, 32.7519, 15.0657



18.3241, 18.1129, 20.3237



22.9925, 11.6863, 8.6108



2.2917, 1.1590, 1.1174

Inverse Universe

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



52.1264, 32.4554, 38.1678



48.3258, 27.2396, 29.5468



55.4722, 74.7448, 106.1112



18.3241, 18.1129, 20.3237



22.9925, 11.6863, 8.6108



2.2917, 1.1590, 1.1174

Previews

White Background



This preview shows how the XYZ color 52.1256, 32.4537, 38.1672 looks on a white background.

Color Contrast Check

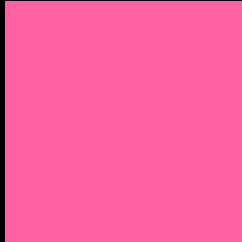
Large Text (above 18pt) WCAG AA × Fail

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 52.1256, 32.4537, 38.1672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

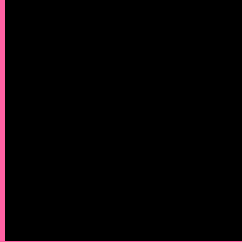
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1256, 32.4537, 38.1672

Background



This preview shows how black text looks on a background with the XYZ color 52.1256, 32.4537, 38.1672.



This preview shows how white text looks on a background with the XYZ color 52.1256, 32.4537,

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

52.1256, 32.4537, 38.1672

Protanopia

33.0277, 32.7456, 58.6126

Deuteranopia

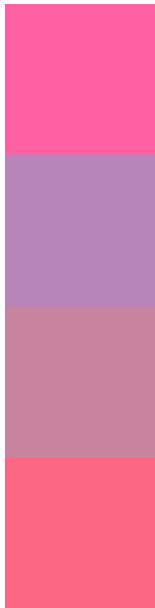
33.1849, 32.6143, 35.5565



Tritanopia

48.1359, 32.2624, 19.9099

Trichromacy



Original Color

52.1256, 32.4537, 38.1672

Protanomaly

37.0176, 30.5106, 50.3925

Deuteranomaly

38.1073, 30.9806, 36.3191

Tritanomaly

49.1600, 32.0619, 25.4273

Monochromacy



Original Color

52.1256, 32.4537, 38.1672

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

35.2383, 29.7216, 35.3321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1256, 32.4537, 38.1672 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, 97, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 163)  
}
```

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, 97, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.1256, 32.4537, 38.1672 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, 97, 163) }
```


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

```
.border{ border-color:rgb(255, 97, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1256, 32.4537, 38.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 163) }
```

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

```
.background{ background-color: rgb(255, 97,  
163) }
```

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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