

Converting Colors

XYZ(53.5431, 32.9457, 42.3305)

Have a look what the booklet for
XYZ(53.5431, 32.9457, 42.3305)
contains.

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Color

**XYZ(52.8693, 32.6043,
42.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	FF60AC
RGB	255, 96, 172
RGB Percent	100%, 38%, 67%
CMY	0.0000, 0.6235, 0.3255
CMYK	0.00, 0.62, 0.33, 0.00
HSL	331°, 100%, 69%
HSV	331°, 62%, 100%
XYZ	52.8693, 32.6043, 42.5365
YIQ	152.2050, 70.3680, 57.3440

Conversions

Conversions Part 2

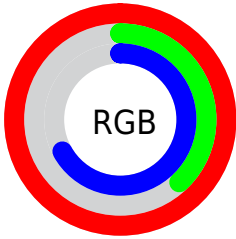
Format	Color
R_{YB}	255, 96, 172
Decimal	16736428
CIE _{Lab}	63.84, 67.07, -8.55
CIE _{LCh}	64, 67.613, 352.734
Yxy	32.6043, 0.4130, 0.2547
Android (android.graphics.Color)	4294926508 (0xFFFF60AC)
YUV	152.2050, 9.7589, 90.1512
Hunter-Lab	57.1002, 65.3486, -4.1977

Details

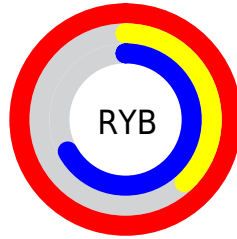
The XYZ color **52.8693, 32.6043, 42.5365** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.7223, 77.2623, 54.9974**, and the grayscale version is **29.8728, 31.4285, 34.2257**.

A 20% lighter version of the original color is **66.6607, 49.9173, 78.7946**, and **26.0777, 13.7041, 19.0400** is the 20% darker color. If you saturate the color by 10%, you get **49.6932, 28.1967, 35.4828**, and if you desaturate by 10%, it is **56.9294, 38.5748, 50.5173**.

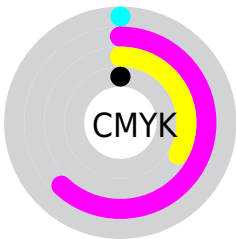
Distribution



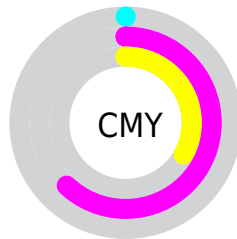
- Red (100%)
- Green (38%)
- Blue (67%)



- Red (100%)
- Yellow (38%)
- Blue (67%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8693, 32.6043, 42.5365 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 52.8693, 32.6043, 42.5365 by changing the saturation by 10% instead.


 52.8693, 32.6043,
42.5365

 52.8693, 32.6043,
42.5365


388.0526,
313.8629, 372.5672


 37.9255, 21.8235,
29.1929

 93.5787, 63.7572,
80.2898


 26.1018, 13.7273,
18.9800


 120.0750, 84.8982,
105.5366

 17.0329, 7.9312,
11.4791


 151.1528,
110.2613, 135.5882

 10.3534, 4.0510,
6.2719

 187.1775,
140.2309, 170.8631

 5.6980, 1.7021,
2.9396

228.5145,
175.1915, 211.7799

 2.7012, 0.4250,
1.0639

275.5291,

 0.9978, 0.0000,

215.5274, 258.7572

0.0000

328.5867,
261.6231, 312.2134

■ 0.0000, 0.0000,
0.0000

■ 52.8693, 32.6043,
42.5365

■ 52.8693, 32.6043,
42.5365

■ 49.6932, 28.1967,
35.4828

■ 56.9294, 38.5748,
50.5173

■ 47.3187, 25.1934,
29.3095

■ 61.9404, 46.2363,
59.4645

■ 45.6509, 23.4109,
23.9657

■ 67.9652, 55.7094,
69.4162

■ 44.7454, 22.6622,
20.3894

■ 75.0607, 67.1021,
80.4079

■ 83.2790, 80.5138,
92.4728

92.6689, 96.0371,
105.6423

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.



47.9173, 32.6043, 77.5315



52.8693, 32.6043, 42.5365



51.0734, 32.6043, 18.8792

Triad

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



52.8693, 32.6043, 42.5365



24.4530, 32.6043, 5.8095



21.1928, 32.6043, 95.5262

Complementary

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



52.8693, 32.6043, 42.5365



48.7223, 77.2623, 54.9974

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.



17.0111, 32.6043, 59.7966



52.8693, 32.6043, 42.5365



18.6074, 32.6043, 12.3117

Square

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



52.8693, 32.6043, 42.5365



33.3576, 32.6043, 4.7861



16.1722, 32.6043, 29.2867



28.7361, 32.6043, 116.7826

Rectangle

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



52.8693, 32.6043, 42.5365



46.4352, 32.6043, 10.5196



16.1722, 32.6043, 29.2867



19.4159, 32.6043, 84.1458

Sweetspot

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



52.8701, 32.6060, 42.5371



77.6858, 71.3646, 84.3278



40.6292, 25.0706, 97.3055



16.1464, 14.4928, 17.3315



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.



52.8701, 32.6060, 42.5371



48.9892, 27.2706, 33.7627



47.7813, 30.9639, 14.5268



18.3709, 18.1317, 20.5706



23.4549, 11.8712, 11.0458



2.3385, 1.1778, 1.3641

Inverse Universe

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



52.8701, 32.6060, 42.5371



48.9892, 27.2706, 33.7627



57.7953, 79.5482, 106.9160



18.3709, 18.1317, 20.5706



23.4549, 11.8712, 11.0458



2.3385, 1.1778, 1.3641

Previews

White Background



This preview shows how the XYZ color 52.8693, 32.6043, 42.5365 looks on a white background.

Color Contrast Check

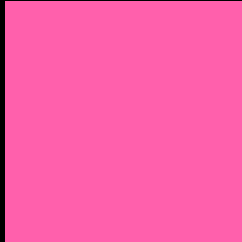
Large Text (above 18pt) WCAG AA × Fail

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 52.8693, 32.6043, 42.5365 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 52.8693, 32.6043, 42.5365

Background



This preview shows how black text looks on a background with the XYZ color 52.8693, 32.6043, 42.5365.



This preview shows how white text looks on a background with the XYZ color 52.8693, 32.6043,

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

52.8693, 32.6043, 42.5365

Protanopia

33.6716, 32.9246, 65.5532

Deuteranopia

33.3331, 32.6000, 39.6575



Tritanopia

48.4047, 32.7075, 20.2850

Trichromacy



Original Color

52.8693, 32.6043, 42.5365



Protanomaly

37.2711, 30.3118, 56.1109



Deuteranomaly

38.2464, 30.7611, 40.4809



Tritanomaly

49.5391, 32.3736, 26.9303

Monochromacy



Original Color

52.8693, 32.6043, 42.5365



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

35.4955, 29.8245, 36.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8693, 32.6043, 42.5365 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, 96, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 172)  
}
```

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, 96, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.8693, 32.6043, 42.5365 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, 96, 172) }
```


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

```
.border{ border-color:rgb(255, 96, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8693, 32.6043, 42.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 172) }
```

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

```
.background{ background-color: rgb(255, 96,  
172) }
```

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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