

Converting Colors

XYZ(48.3285, 30.2089, 55.3431)

Have a look what the booklet for
XYZ(48.3285, 30.2089, 55.3431)
contains.

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Color

**XYZ(48.2632, 30.2133,
55.5126)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EA62C4 |
| RGB | 234, 98, 196 |
| RGB Percent | 92%, 38%, 77% |
| CMY | 0.0823, 0.6157, 0.2314 |
| CMYK | 0.00, 0.58, 0.16, 0.08 |
| HSL | 317°, 76%, 65% |
| HSV | 317°, 58%, 92% |
| XYZ | 48.2632, 30.2133, 55.5126 |
| YIQ | 149.8360, 49.5980, 59.3100 |

Conversions

Conversions Part 2

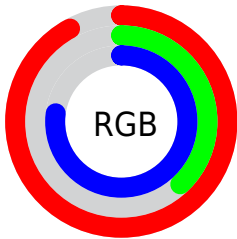
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 98, 196 |
| Decimal | 15360708 |
| CIE _{Lab} | 61.84, 63.39, -25.57 |
| CIE _{LCh} | 62, 68.354, 338.031 |
| Yxy | 30.2133, 0.3602, 0.2255 |
| Android (android.graphics.Color) | 4293550788 (0xFFEA62C4) |
| YUV | 149.8360, 22.7589, 73.8118 |
| Hunter-Lab | 54.9666, 60.5395, -21.4023 |

Details

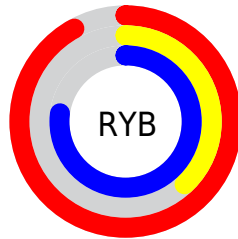
The XYZ color **48.2632, 30.2133, 55.5126** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **38.9052, 63.2209, 33.4475**, and the grayscale version is **28.8131, 30.3136, 33.0115**.

A 20% lighter version of the original color is **70.6910, 51.7945, 99.2000**, and **23.2232, 12.3901, 26.7587** is the 20% darker color. If you saturate the color by 10%, you get **45.6570, 26.1658, 51.0516**, and if you desaturate by 10%, it is **51.5435, 35.5563, 60.3589**.

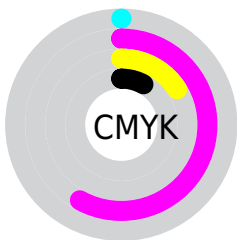
Distribution



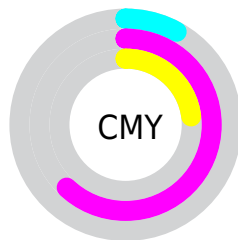
- Red (92%)
- Green (38%)
- Blue (77%)



- Red (92%)
- Yellow (38%)
- Blue (77%)



- Cyan (0%)
- Magenta (58%)
- Yellow (16%)
- Black (8%)





- Cyan (8%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2632, 30.2133, 55.5126 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 48.2632, 30.2133, 55.5126 by changing the saturation by 10% instead.


 48.2632, 30.2133,
55.5126


 48.2632, 30.2133,
55.5126


370.3997,
302.8974, 425.1887


 34.2475, 20.0005,
39.4109


 86.8035, 59.9993,
99.7703


 23.2476, 12.3954,
26.7693


 112.0588, 80.3414,
128.7633

 14.8981, 7.0136,
17.1691


 141.7913,
104.8287, 162.8906

 8.8338, 3.4706,
10.1919


 176.3664,
133.8456, 202.5705

 4.6892, 1.3821,
5.4191

216.1494,
167.7766, 248.2218

 2.0989, 0.2035,
2.4322

261.5057,

 0.6886, 0.0000,

207.0059, 300.2629

0.8039

312.8007,
251.9181, 359.1123

■ 0.0000, 0.0000,
0.0000

■ 48.2632, 30.2133,
55.5126

■ 48.2632, 30.2133,
55.5126

■ 45.6570, 26.1658,
51.0516

■ 51.5435, 35.5563,
60.3589

■ 43.6641, 23.2940,
46.9529

■ 55.5462, 42.2917,
65.6077

■ 42.2173, 21.4638,
43.1921

■ 60.3180, 50.5124,
71.2768

■ 41.2210, 20.4847,
39.7354

■ 65.9011, 60.3018,
77.3823

■ 41.0573, 20.3427,
39.1095

■ 72.3344, 71.7372,
83.9388

■ 79.6542, 84.8907,
90.9605

■ 85.6846, 95.4096,
97.7238

■ 86.6833, 95.8091,
102.9830

■ 87.7175, 96.2228,
108.4291

Harmonies

Analogous

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



40.9444, 30.2133, 90.4998



48.2632, 30.2133, 55.5126



49.8382, 30.2133, 26.3621

Triad

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



48.2632, 30.2133, 55.5126



26.3337, 30.2133, 4.0061



16.9917, 30.2133, 74.6005

Complementary

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



48.2632, 30.2133, 55.5126



38.9052, 63.2209, 33.4475

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.



14.6076, 30.2133, 40.4318



48.2632, 30.2133, 55.5126



19.2039, 30.2133, 7.0637

Square

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



48.2632, 30.2133, 55.5126



35.7961, 30.2133, 4.8328



15.3213, 30.2133, 17.4479



22.6385, 30.2133, 105.0004

Rectangle

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



48.2632, 30.2133, 55.5126



47.1627, 30.2133, 14.4774



15.3213, 30.2133, 17.4479



15.8432, 30.2133, 62.6259

Sweetspot

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



48.2642, 30.2148, 55.5132



80.8567, 74.6364, 94.8492



29.0946, 19.7679, 80.1247



16.9914, 15.4184, 19.9693



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.



48.2642, 30.2148, 55.5132



54.8933, 30.9118, 60.9086



42.3120, 27.8339, 24.1697



15.5249, 15.2378, 18.0492



23.1280, 11.4539, 22.2732



1.8567, 0.9156, 1.9626

Inverse Universe

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



48.2642, 30.2148, 55.5132



54.8933, 30.9118, 60.9086



45.1534, 65.7202, 66.3496



15.5249, 15.2378, 18.0492



23.1280, 11.4539, 22.2732



1.8567, 0.9156, 1.9626

Previews

White Background



This preview shows how the XYZ color 48.2632, 30.2133, 55.5126 looks on a white background.

Color Contrast Check

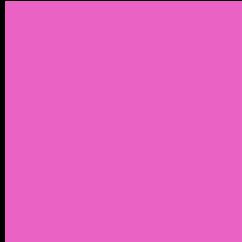
Large Text (above 18pt) WCAG AA × Fail

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 48.2632, 30.2133, 55.5126 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 48.2632, 30.2133, 55.5126

Background



This preview shows how black text looks on a background with the XYZ color 48.2632, 30.2133, 55.5126.

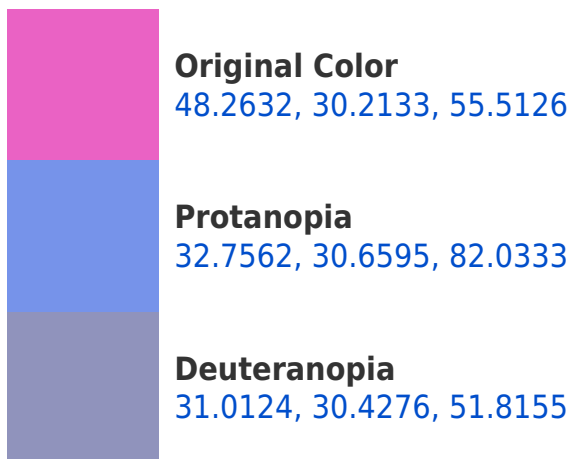


This preview shows how white text looks on a background with the XYZ color 48.2632, 30.2133,

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





Tritanopia

41.5620, 30.2769, 22.7223

Trichromacy



Original Color

48.2632, 30.2133, 55.5126



Protanomaly

35.2657, 28.3414, 71.3219



Deuteranomaly

35.3857, 28.8092, 52.9859



Tritanomaly

43.6068, 29.9623, 32.3391

Monochromacy



Original Color

48.2632, 30.2133, 55.5126



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

34.1474, 28.8464, 40.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2632, 30.2133, 55.5126 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(234, 98, 196)` looks like.

```
.text, #text, p{  
    color:rgb(234, 98, 196)  
}
```

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(234, 98, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 98, 196) }
```

Border

The CSS property to change the border of an element to XYZ 48.2632, 30.2133, 55.5126 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(234, 98, 196) }
```


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

```
.border{ border-color:rgb(234, 98, 196) }
```

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

Here you see how a box with a 4 pixel rgb(234, 98, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 98, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 98, 196);  
box-shadow:4px 4px 4px 4px rgb(234, 98,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2632, 30.2133, 55.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 98, 196) }
```

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

```
.background{ background-color: rgb(234, 98,  
196) }
```

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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