

Converting Colors

XYZ(45.5480, 23.1317, 37.5749)

Have a look what the booklet for
XYZ(45.5480, 23.1317, 37.5749)
contains.

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Color

**XYZ(45.4362, 23.0646,
37.6545)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F716A5 |
| RGB | 247, 22, 165 |
| RGB Percent | 97%, 9%, 65% |
| CMY | 0.0314, 0.9136, 0.3529 |
| CMYK | 0.00, 0.91, 0.33, 0.03 |
| HSL | 322°, 93%, 53% |
| HSV | 322°, 91%, 97% |
| XYZ | 45.4362, 23.0646, 37.6545 |
| YIQ | 105.5770, 88.1970, 92.1730 |

Conversions

Conversions Part 2

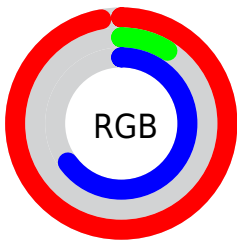
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 247, 22, 165 |
| Decimal | 16193189 |
| CIE _{Lab} | 55.14, 84.32, -17.73 |
| CIE _{LCh} | 55, 86.164, 348.125 |
| Yxy | 23.0646, 0.4280, 0.2173 |
| Android (android.graphics.Color) | 4294383269 (0xFFFF716A5) |
| YUV | 105.5770, 29.2955, 124.0280 |
| Hunter-Lab | 48.0256, 84.8309, -12.8684 |

Details

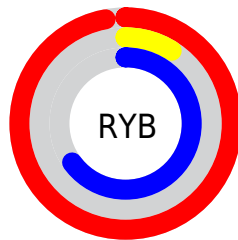
The XYZ color **45.4362, 23.0646, 37.6545** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **36.0928, 67.6926, 24.2692**, and the grayscale version is **13.4948, 14.1976, 15.4612**.

A 20% lighter version of the original color is **59.1086, 36.3279, 71.6068**, and **22.9882, 11.5065, 16.6322** is the 20% darker color. If you saturate the color by 10%, you get **44.4410, 22.2074, 33.8287**, and if you desaturate by 10%, it is **47.0040, 24.8421, 42.3638**.

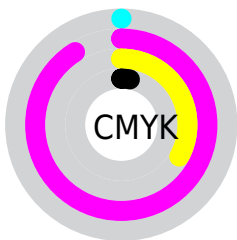
Distribution



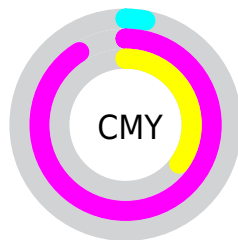
- Red (97%)
- Green (9%)
- Blue (65%)



- Red (97%)
- Yellow (9%)
- Blue (65%)



- Cyan (0%)
- Magenta (91%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (91%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4362, 23.0646, 37.6545 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 45.4362, 23.0646, 37.6545 by changing the saturation by 10% instead.

 45.4362, 23.0646,
37.6545


 45.4362, 23.0646,
37.6545


359.2914,
268.0566, 351.3892

 32.0039, 14.6412,
25.4149


 82.6076, 48.4994,
72.7758


 21.5200, 8.5680,
16.1646


 107.0775, 66.2796,
96.4946


 13.6193, 4.4605,
9.4851


 135.9572, 87.9475,
124.8768

 7.9363, 1.9343,
4.9578

 169.6121,
113.8875, 158.3411

 4.1057, 0.5689,
2.1642

 208.4076,
144.4840, 197.3060

 1.7621, 0.0000,
0.6536

252.7091,

 0.4947, 0.0000,

180.1215, 242.1899

0.0000

302.8819,
221.1842, 293.4114

■ 0.0000, 0.0000,
0.0000

■ 45.4362, 23.0646,
37.6545

■ 45.4362, 23.0646,
37.6545

■ 44.4410, 22.2074,
33.8287

■ 47.0040, 24.8421,
42.3638

■ 49.1866, 27.7551,
47.5682

■ 52.0683, 31.9705,
53.3014

■ 55.7190, 37.6261,
59.5920

■ 60.1997, 44.8423,
66.4656

65.5650, 53.7267,
73.9455

71.8646, 64.3772,
82.0531

79.1446, 76.8842,
90.8087

87.4477, 91.3319,
100.2312

Harmonies

Analogous

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



38.7629, 23.0646, 79.5982



45.4362, 23.0646, 37.6545



44.5936, 23.0646, 11.9844

Triad

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



45.4362, 23.0646, 37.6545



16.6610, 23.0646, 0.9213



11.7556, 23.0646, 88.7320

Complementary

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



45.4362, 23.0646, 37.6545



36.0928, 67.6926, 24.2692

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.



8.6317, 23.0646, 45.4392



45.4362, 23.0646, 37.6545



10.8399, 23.0646, 3.7616

Square

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



45.4362, 23.0646, 37.6545



25.9491, 23.0646, 0.7513



8.3545, 23.0646, 15.7210



18.3351, 23.0646, 120.6738

Rectangle

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



45.4362, 23.0646, 37.6545



39.9106, 23.0646, 4.5605



8.3545, 23.0646, 15.7210



10.3612, 23.0646, 74.0103

Sweetspot

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



45.4369, 23.0659, 37.6549



73.1000, 62.1488, 82.9357



22.4174, 10.0440, 88.7529



15.1708, 12.5023, 17.1270



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.



45.4369, 23.0659, 37.6549



47.7663, 23.8705, 36.2972



39.3537, 20.6326, 5.6213



16.9424, 16.6598, 19.4431



23.5740, 11.7730, 18.2628



2.1212, 1.0544, 1.8645

Inverse Universe

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



45.4369, 23.0659, 37.6549



47.7663, 23.8705, 36.2972



45.6350, 71.5096, 74.5182



16.9424, 16.6598, 19.4431



23.5740, 11.7730, 18.2628



2.1212, 1.0544, 1.8645

Previews

White Background



This preview shows how the XYZ color 45.4362, 23.0646, 37.6545 looks on a white background.

Color Contrast Check

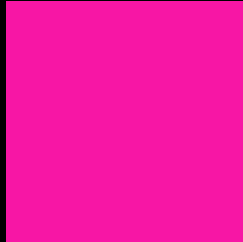
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4362, 23.0646, 37.6545 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 × Fail

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

XYZ 45.4362, 23.0646, 37.6545

Background



This preview shows how black text looks on a background with the XYZ color 45.4362, 23.0646, 37.6545.



This preview shows how white text looks on a background with the XYZ color 45.4362, 23.0646,

37.6545.

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

45.4362, 23.0646, 37.6545

Protanopia

26.3045, 23.5150, 80.2432

Deuteranopia

23.6747, 23.1845, 33.7991



Tritanopia

39.3883, 23.1573, 8.1882

Trichromacy



Original Color

45.4362, 23.0646, 37.6545



Protanomaly

26.5429, 17.7957, 61.7105



Deuteranomaly

27.7322, 19.0111, 34.5556



Tritanomaly

40.6958, 22.4423, 15.5515

Monochromacy



Original Color

45.4362, 23.0646, 37.6545



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

20.2515, 13.7326, 21.6620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4362, 23.0646, 37.6545 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(247, 22, 165)` looks like.

```
.text, #text, p{  
    color:rgb(247, 22, 165)  
}
```

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(247, 22, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 22, 165) }
```

Border

The CSS property to change the border of an element to XYZ 45.4362, 23.0646, 37.6545 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(247, 22, 165) }
```


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

```
.border{ border-color:rgb(247, 22, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 22, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 22, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 22, 165);  
box-shadow:4px 4px 4px 4px rgb(247, 22,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4362, 23.0646, 37.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 22, 165) }
```

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

```
.background{ background-color: rgb(247, 22,  
165) }
```

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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