

Converting Colors

XYZ(43.5337, 30.6167, 30.0360)

Have a look what the booklet for
XYZ(43.5337, 30.6167, 30.0360)
contains.

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Color

**XYZ(43.5723, 30.6469,
30.0045)**

Conversions

Conversions Part 1

Format	Color
Hex	E67190
RGB	230, 113, 144
RGB Percent	90%, 44%, 56%
CMY	0.0980, 0.5568, 0.4353
CMYK	0.00, 0.51, 0.37, 0.10
HSL	344°, 70%, 67%
HSV	344°, 51%, 90%
XYZ	43.5723, 30.6469, 30.0045
YIQ	151.5170, 59.7810, 34.4450

Conversions

Conversions Part 2

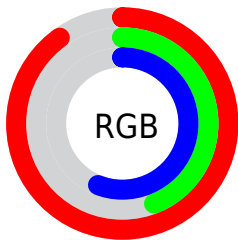
Format	Color
R_{YB}	230, 113, 144
Decimal	15102352
CIE _{Lab}	62.21, 48.43, 4.69
CIE _{LCh}	62, 48.654, 5.536
Yxy	30.6469, 0.4181, 0.2940
Android (android.graphics.Color)	4293292432 (0xFFE67190)
YUV	151.5170, -3.7059, 68.8296
Hunter-Lab	55.3596, 43.6139, 6.6170

Details

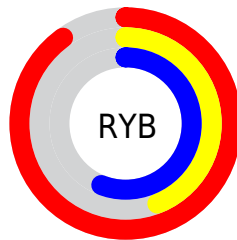
The XYZ color **43.5723, 30.6469, 30.0045** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **45.4173, 64.2286, 64.0402**, and the grayscale version is **29.6355, 31.1789, 33.9538**.

A 20% lighter version of the original color is **65.4357, 53.3425, 60.2734**, and **20.3789, 12.5940, 11.9465** is the 20% darker color. If you saturate the color by 10%, you get **40.1268, 25.6713, 22.9509**, and if you desaturate by 10%, it is **47.8631, 37.0033, 38.2952**.

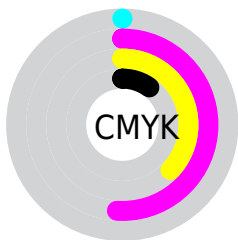
Distribution



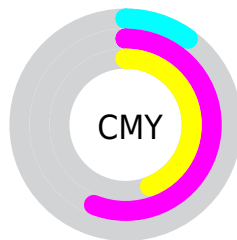
- Red (90%)
- Green (44%)
- Blue (56%)



- Red (90%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (51%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5723, 30.6469, 30.0045 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 43.5723, 30.6469, 30.0045 by changing the saturation by 10% instead.


 43.5723, 30.6469,
30.0045


 43.5723, 30.6469,
30.0045


351.8418,
304.9083, 316.1334


 30.5309, 20.3301,
19.5899

 79.8241, 60.6837,
60.7304

 20.3920, 12.6352,
11.9162


 103.7652, 81.1725,
81.8788

 12.7902, 7.1779,
6.5648


 132.0702,
105.8209, 107.4422

 7.3602, 3.5736,
3.1172

165.1046,
135.0130, 137.8391

 3.7367, 1.4380,
1.1548

203.2335,
169.1335, 173.4882

 1.5543, 0.2445,
0.0000

246.8225,

 0.3623, 0.0000,

208.5665, 214.8079

0.0000

296.2368,
253.6967, 262.2168

■ 0.0000, 0.0000,
0.0000

■ 43.5723, 30.6469,
30.0045

■ 43.5723, 30.6469,
30.0045

■ 40.1268, 25.6713,
22.9509

■ 47.8631, 37.0033,
38.2952

■ 37.4654, 21.9680,
17.0709

■ 53.0497, 44.8286,
47.8787

■ 35.5223, 19.4202,
12.2974


■ 59.1813, 54.2093,
58.8090


■ 34.2189, 17.8866,
8.5547

■ 66.3029, 65.2237,
71.1366

■ 33.4736, 17.1592,
5.9530

■ 74.4565, 77.9449,
84.9094

 83.6815, 92.4414,
100.1728

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



42.1833, 30.6469, 50.6742



43.5723, 30.6469, 30.0045



40.6449, 30.6469, 16.4702

Triad

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



43.5723, 30.6469, 30.0045



22.3962, 30.6469, 11.7616



24.2119, 30.6469, 78.2276

Complementary

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



43.5723, 30.6469, 30.0045



45.4173, 64.2286, 64.0402

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.



20.0238, 30.6469, 59.0739



43.5723, 30.6469, 30.0045



19.0910, 30.6469, 20.5346

Square

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



43.5723, 30.6469, 30.0045



27.9291, 30.6469, 8.7829



18.2924, 30.6469, 36.9766



30.3627, 30.6469, 83.7795

Rectangle

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



43.5723, 30.6469, 30.0045



36.8650, 30.6469, 11.5692



18.2924, 30.6469, 36.9766



22.5588, 30.6469, 72.8886

Sweetspot

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



43.5731, 30.6485, 30.0051



79.8375, 76.2965, 83.1073



43.6895, 29.6400, 78.2813



16.6818, 15.7018, 17.0838



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.



43.5731, 30.6485, 30.0051



50.5269, 32.1821, 28.6149



45.0369, 36.8610, 20.3661



14.5330, 14.4304, 15.7411



18.9940, 9.7318, 3.5972



1.4412, 0.7342, 0.4640

Inverse Universe

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



43.5731, 30.6485, 30.0051



50.5269, 32.1821, 28.6149



42.3794, 51.7954, 82.6267



14.5330, 14.4304, 15.7411



18.9940, 9.7318, 3.5972



1.4412, 0.7342, 0.4640

Previews

White Background



This preview shows how the XYZ color 43.5723, 30.6469, 30.0045 looks on a white background.

Color Contrast Check

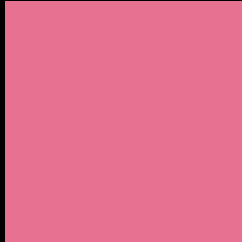
Large Text (above 18pt) WCAG AA × Fail

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 43.5723, 30.6469, 30.0045 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 43.5723, 30.6469, 30.0045

Background



This preview shows how black text looks on a background with the XYZ color 43.5723, 30.6469, 30.0045.



This preview shows how white text looks on a background with the XYZ color 43.5723, 30.6469,

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

43.5723, 30.6469, 30.0045

Protanopia

30.0923, 30.9189, 39.9792

Deuteranopia

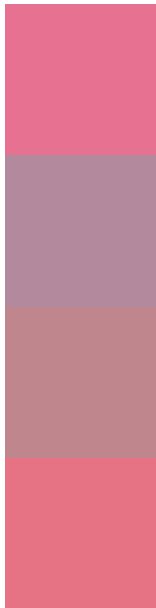
31.5166, 30.9679, 28.7424



Tritanopia

41.9420, 30.4654, 23.0719

Trichromacy



Original Color

43.5723, 30.6469, 30.0045

Protanomaly

33.3916, 29.7906, 35.8885

Deuteranomaly

35.0710, 30.1797, 29.1761

Tritanomaly

42.6087, 30.5854, 25.4876

Monochromacy



Original Color

43.5723, 30.6469, 30.0045

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.3357, 30.0502, 32.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5723, 30.6469, 30.0045 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(230, 113, 144)` looks like.

```
.text, #text, p{  
    color:rgb(230, 113, 144)  
}
```

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(230, 113, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 113, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.5723, 30.6469, 30.0045 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(230, 113, 144) }
```


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

```
.border{ border-color:rgb(230, 113, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 113, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 113, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 113, 144);  
box-shadow:4px 4px 4px 4px rgb(230, 113,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5723, 30.6469, 30.0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 113, 144) }
```

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

```
.background{ background-color: rgb(230,  
113, 144) }
```

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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