

Converting Colors

XYZ(45.6204, 29.1609, 35.1224)

Have a look what the booklet for
XYZ(45.6204, 29.1609, 35.1224)
contains.

XYZ(45.6204, 29.1609, 35.1224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.6204, 29.1609,
35.1224)**

Conversions

Conversions Part 1

Format	Color
Hex	EE619D
RGB	238, 97, 157
RGB Percent	93%, 38%, 62%
CMY	0.0667, 0.6196, 0.3843
CMYK	0.00, 0.59, 0.34, 0.07
HSL	334°, 81%, 66%
HSV	334°, 59%, 93%
XYZ	45.6204, 29.1609, 35.1224
YIQ	145.9990, 64.7760, 48.5520

Conversions

Conversions Part 2

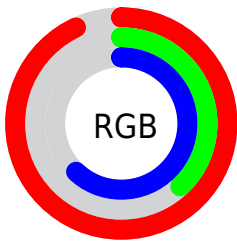
Format	Color
R _Y B	238, 97, 157
Decimal	15622557
CIE Lab	60.92, 59.91, -4.54
CIE LCh	61, 60.086, 355.670
Yxy	29.1609, 0.4151, 0.2653
Android (android.graphics.Color)	4293812637 (0xFFEE619D)
YUV	145.9990, 5.4235, 80.6849
Hunter-Lab	54.0008, 56.2970, -0.7619

Details

The XYZ color **45.6204, 29.1609, 35.1224** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **43.5419, 66.9056, 52.7428**, and the grayscale version is **27.2823, 28.7031, 31.2577**.

A 20% lighter version of the original color is **64.3891, 48.7456, 67.6432**, and **21.6232, 11.8287, 14.7792** is the 20% darker color. If you saturate the color by 10%, you get **42.6389, 24.9628, 28.6878**, and if you desaturate by 10%, it is **49.3936, 34.7332, 42.4660**.

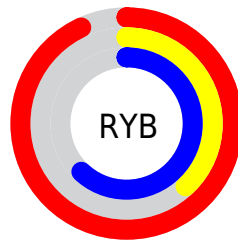
Distribution



Red (93%)

Green (38%)

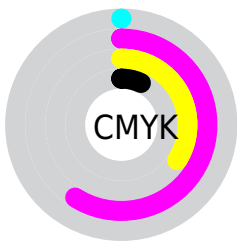
Blue (62%)



Red (93%)

Yellow (38%)

Blue (62%)

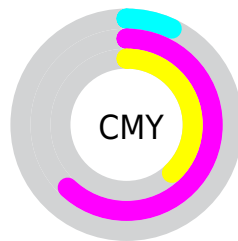


Cyan (0%)

Magenta (59%)

Yellow (34%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6204, 29.1609, 35.1224 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 45.6204, 29.1609, 35.1224 by changing the saturation by 10% instead.


 45.6204, 29.1609,
35.1224


 45.6204, 29.1609,
35.1224


360.0220,
297.9734, 340.0289


 32.1497, 19.2026,
23.4729


 82.8820, 58.3326,
68.8291


 21.6320, 11.8167,
14.7345


 107.4036, 78.3148,
91.7233

 13.7018, 6.6190,
8.4887


 136.3395,
102.4071, 119.2028

 7.9939, 3.2250,
4.3170

 170.0552,
130.9938, 151.6862

 4.1428, 1.2503,
1.8008

208.9159,
164.4594, 189.5919

 1.7832, 0.1022,
0.4285

253.2870,

 0.5075, 0.0000,

203.1883, 233.3386

0.0000

303.5339,
247.5648, 283.3448

■ 0.0000, 0.0000,
0.0000

■ 45.6204, 29.1609,
35.1224

■ 45.6204, 29.1609,
35.1224

■ 42.6389, 24.9628,
28.6878

■ 49.3936, 34.7332,
42.4660

■ 40.3815, 22.0105,
23.1178

■ 54.0137, 41.7837,
50.7564

■ 38.7720, 20.1592,
18.3649

■ 59.5334, 50.4116,
60.0307

■ 37.6931, 19.1818,
14.3665

■ 66.0003, 60.7060,
70.3232

■ 37.6221, 19.1220,
14.0893

■ 73.4585, 72.7494,
81.6665

■ 81.9493, 86.6188,
94.0914

■ 88.7037, 96.7707,
106.6915

■ 89.0699, 96.9172,
108.6201

Harmonies

Analogous

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



42.1150, 29.1609, 62.8365



45.6204, 29.1609, 35.1224



43.6367, 29.1609, 16.4862

Triad

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



45.6204, 29.1609, 35.1224



21.6882, 29.1609, 6.5765



20.0575, 29.1609, 82.3834

Complementary

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



45.6204, 29.1609, 35.1224



43.5419, 66.9056, 52.7428

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.



16.2329, 29.1609, 54.3536



45.6204, 29.1609, 35.1224



17.0425, 29.1609, 13.1025

Square

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



45.6204, 29.1609, 35.1224



28.8699, 29.1609, 5.2323



15.2429, 29.1609, 28.6030



26.5943, 29.1609, 97.1491

Rectangle

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



45.6204, 29.1609, 35.1224



39.6358, 29.1609, 9.8052



15.2429, 29.1609, 28.6030



18.4641, 29.1609, 73.7052

Sweetspot

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



45.6212, 29.1624, 35.1229



78.1563, 72.5465, 83.7421



37.8176, 24.0598, 83.5398



16.2222, 14.7159, 17.1359



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.



45.6212, 29.1624, 35.1229



49.2703, 28.3848, 32.1546



42.6141, 29.4327, 14.7464



16.0519, 15.8705, 17.8296



21.0510, 10.6928, 8.1851



1.8000, 0.9090, 0.9377

Inverse Universe

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



45.6212, 29.1624, 35.1229



49.2703, 28.3848, 32.1546



48.2722, 64.5327, 90.8008



16.0519, 15.8705, 17.8296



21.0510, 10.6928, 8.1851



1.8000, 0.9090, 0.9377

Previews

White Background



This preview shows how the XYZ color 45.6204, 29.1609, 35.1224 looks on a white background.

Color Contrast Check

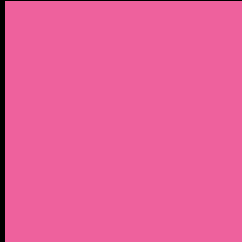
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.6204, 29.1609, 35.1224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

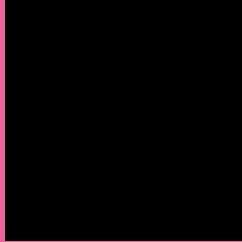
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.6204, 29.1609, 35.1224

Background



This preview shows how black text looks on a background with the XYZ color 45.6204, 29.1609, 35.1224.



This preview shows how white text looks on a background with the XYZ color 45.6204, 29.1609,

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

45.6204, 29.1609, 35.1224

Protanopia

29.6725, 29.5070, 51.7085

Deuteranopia

29.8247, 29.3205, 32.9417



Tritanopia

42.3956, 29.1625, 19.0172

Trichromacy



Original Color

45.6204, 29.1609, 35.1224



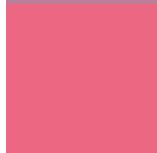
Protanomaly

33.1105, 27.6113, 45.1794



Deuteranomaly

33.9497, 27.9130, 33.7354



Tritanomaly

43.4048, 29.1183, 24.1016

Monochromacy



Original Color

45.6204, 29.1609, 35.1224



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

31.8146, 27.2241, 32.4321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6204, 29.1609, 35.1224 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(238, 97, 157)` looks like.

```
.text, #text, p{  
    color:rgb(238, 97, 157)  
}
```

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(238, 97, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 97, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.6204, 29.1609, 35.1224 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(238, 97, 157) }
```


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

```
.border{ border-color:rgb(238, 97, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 97, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 97, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 97, 157);  
box-shadow:4px 4px 4px 4px rgb(238, 97,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6204, 29.1609, 35.1224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 97, 157) }
```

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

```
.background{ background-color: rgb(238, 97,  
157) }
```

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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