

Converting Colors

XYZ(47.7347, 32.6971, 55.4545)

Have a look what the booklet for
XYZ(47.7347, 32.6971, 55.4545)
contains.

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Color

**XYZ(47.7743, 32.7618,
55.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	E374C3
RGB	227, 116, 195
RGB Percent	89%, 45%, 76%
CMY	0.1098, 0.5451, 0.2353
CMYK	0.00, 0.49, 0.14, 0.11
HSL	317°, 66%, 67%
HSV	317°, 49%, 89%
XYZ	47.7743, 32.7618, 55.4354
YIQ	158.1950, 40.7970, 48.1010

Conversions

Conversions Part 2

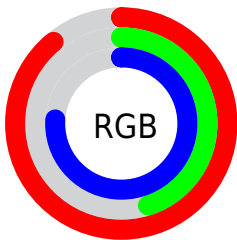
Format	Color
R _Y B	227, 116, 195
Decimal	14906563
CIE Lab	63.97, 52.86, -21.83
CIE LCh	64, 57.188, 337.565
Yxy	32.7618, 0.3514, 0.2409
Android (android.graphics.Color)	4293096643 (0xFFE374C3)
YUV	158.1950, 18.1449, 60.3420
Hunter-Lab	57.2379, 48.8207, -17.3563

Details

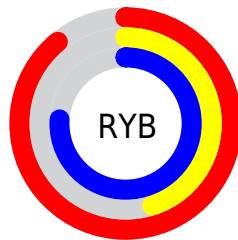
The XYZ color **47.7743, 32.7618, 55.4354** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **40.0184, 60.7904, 37.6441**, and the grayscale version is **32.4962, 34.1885, 37.2313**.

A 20% lighter version of the original color is **73.3736, 57.4141, 99.3103**, and **22.8925, 13.8034, 26.6570** is the 20% darker color. If you saturate the color by 10%, you get **44.7465, 27.8641, 50.8551**, and if you desaturate by 10%, it is **51.4758, 38.9540, 60.4010**.

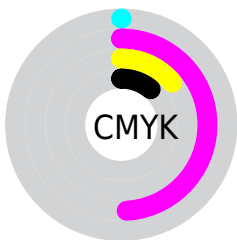
Distribution



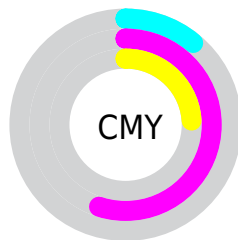
- Red (89%)
- Green (45%)
- Blue (76%)



- Red (89%)
- Yellow (45%)
- Blue (76%)



- Cyan (0%)
- Magenta (49%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7743, 32.7618, 55.4354 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 47.7743, 32.7618, 55.4354 by changing the saturation by 10% instead.


 47.7743, 32.7618,
55.4354


 47.7743, 32.7618,
55.4354

368.4943,
314.5750, 424.8886

 33.8587, 21.9440,
39.3495


 86.0800, 64.0035,
99.6561

 22.9474, 13.8158,
26.7218


 111.2008, 85.1961,
128.6280

 14.6752, 7.9926,
17.1338


 140.7874,
110.6159, 162.7323

 8.6766, 4.0902,
10.1670

175.2051,
140.6472, 202.3875

 4.5862, 1.7242,
5.4028

214.8193,
175.6743, 248.0122

 2.0388, 0.4392,
2.4226

259.9953,

 0.6556, 0.0000,

216.0818, 300.0250

0.7987

311.0985,
262.2539, 358.8442

■ 0.0000, 0.0000,
0.0000

■ 47.7743, 32.7618,
55.4354

■ 47.7743, 32.7618,
55.4354

■ 44.7465, 27.8641,
50.8551

■ 51.4758, 38.9540,
60.4010

■ 42.3415, 24.1613,
46.6400

■ 55.8910, 46.5214,
65.7661

■ 40.5059, 21.5468,
42.7708


■ 61.0602, 55.5437,
71.5466


■ 39.1757, 19.8930,
39.2238


■ 67.0198, 66.0929,
77.7564

■ 38.2524, 19.0040,
35.9641


■ 73.8037, 78.2364,
84.4088

 38.1610, 18.9239,
35.6171

 81.4439, 92.0375,
91.5163

 83.2880, 94.1907,
96.8631

 84.2825, 94.5885,
102.1000

 85.3125, 95.0005,
107.5237

Harmonies

Analogous

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



41.5762, 32.7618, 83.6929



47.7743, 32.7618, 55.4354



49.1687, 32.7618, 30.1418

Triad

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



47.7743, 32.7618, 55.4354



29.1430, 32.7618, 7.2828



20.3984, 32.7618, 70.1535

Complementary

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



47.7743, 32.7618, 55.4354



40.0184, 60.7904, 37.6441

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.



18.1633, 32.7618, 41.8404



47.7743, 32.7618, 55.4354



22.6136, 32.7618, 10.7875

Square

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



47.7743, 32.7618, 55.4354



37.4366, 32.7618, 8.3631



18.8978, 32.7618, 21.2718



25.5907, 32.7618, 94.4404

Rectangle

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



47.7743, 32.7618, 55.4354



46.9987, 32.7618, 18.8217



18.8978, 32.7618, 21.2718



19.3211, 32.7618, 60.4074

Sweetspot

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



47.7753, 32.7633, 55.4361



82.3134, 77.2869, 96.1454



32.2256, 24.2834, 75.6624



17.2770, 15.9399, 20.2178



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.



47.7753, 32.7633, 55.4361



58.0822, 36.0063, 65.9280



42.6626, 30.7183, 28.5128



14.8087, 14.5407, 17.1929



22.3083, 11.0575, 21.0501



1.6882, 0.8330, 1.7647

Inverse Universe

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



47.7753, 32.7633, 55.4361



58.0822, 36.0063, 65.9280



45.4464, 62.9616, 66.2275



14.8087, 14.5407, 17.1929



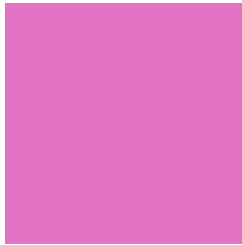
22.3083, 11.0575, 21.0501



1.6882, 0.8330, 1.7647

Previews

White Background



This preview shows how the XYZ color 47.7743, 32.7618, 55.4354 looks on a white background.

Color Contrast Check

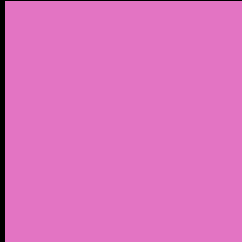
Large Text (above 18pt) WCAG AA × Fail

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 47.7743, 32.7618, 55.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

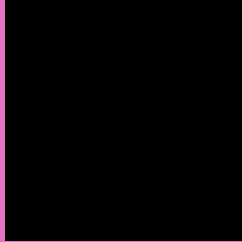
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7743, 32.7618, 55.4354

Background



This preview shows how black text looks on a background with the XYZ color 47.7743, 32.7618, 55.4354.



This preview shows how white text looks on a background with the XYZ color 47.7743, 32.7618,

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

47.7743, 32.7618, 55.4354

Protanopia

34.3834, 33.0967, 74.3881

Deuteranopia

33.7400, 33.0006, 52.7356



Tritanopia

42.1254, 32.6455, 28.1257

Trichromacy



Original Color

47.7743, 32.7618, 55.4354



Protanomaly

37.3247, 31.7758, 67.1169



Deuteranomaly

37.6926, 32.0506, 53.4900



Tritanomaly

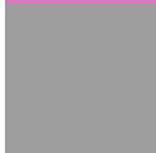
43.8971, 32.6065, 36.7809

Monochromacy



Original Color

47.7743, 32.7618, 55.4354



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

36.7016, 32.6525, 42.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7743, 32.7618, 55.4354 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(227, 116, 195)` looks like.

```
.text, #text, p{  
    color:rgb(227, 116, 195)  
}
```

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(227, 116, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 116, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.7743, 32.7618, 55.4354 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(227, 116, 195) }
```


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

```
.border{ border-color:rgb(227, 116, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 116, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 116, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 116, 195);  
box-shadow:4px 4px 4px 4px rgb(227, 116,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7743, 32.7618, 55.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 116, 195) }
```

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

```
.background{ background-color: rgb(227,  
116, 195) }
```

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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