

Converting Colors

XYZ(47.2264, 32.6341, 54.7630)

Have a look what the booklet for
XYZ(47.2264, 32.6341, 54.7630)
contains.

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Color

**XYZ(47.1502, 32.6252,
54.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	E175C2
RGB	225, 117, 194
RGB Percent	88%, 46%, 76%
CMY	0.1176, 0.5412, 0.2392
CMYK	0.00, 0.48, 0.14, 0.12
HSL	317°, 64%, 67%
HSV	317°, 48%, 88%
XYZ	47.1502, 32.6252, 54.8511
YIQ	158.0700, 39.6510, 46.8430

Conversions

Conversions Part 2

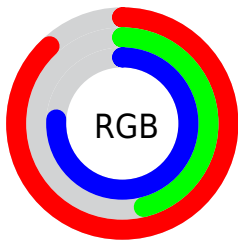
Format	Color
R _Y B	225, 117, 194
Decimal	14775746
CIE Lab	63.86, 51.60, -21.45
CIE LCh	64, 55.883, 337.424
Yxy	32.6252, 0.3502, 0.2423
Android (android.graphics.Color)	4292965826 (0xFFE175C2)
YUV	158.0700, 17.7135, 58.6976
Hunter-Lab	57.1185, 47.3910, -16.9535

Details

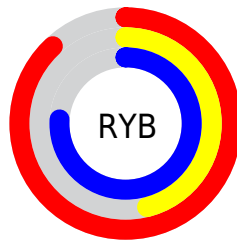
The XYZ color **47.1502, 32.6252, 54.8511** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **39.6081, 59.7714, 37.4690**, and the grayscale version is **32.4418, 34.1313, 37.1690**.

A 20% lighter version of the original color is **73.4051, 57.7301, 98.5409**, and **22.4475, 13.6640, 26.2652** is the 20% darker color. If you saturate the color by 10%, you get **44.1272, 27.7145, 50.3421**, and if you desaturate by 10%, it is **50.8367, 38.8115, 59.7374**.

Distribution



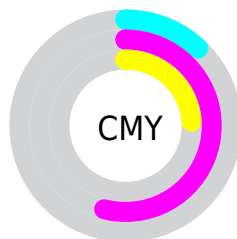
- Red (88%)
- Green (46%)
- Blue (76%)



- Red (88%)
- Yellow (46%)
- Blue (76%)



- Cyan (0%)
- Magenta (48%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (54%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1502, 32.6252, 54.8511 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 47.1502, 32.6252, 54.8511 by changing the saturation by 10% instead.


 47.1502, 32.6252,
54.8511


 47.1502, 32.6252,
54.8511


366.0527,
313.9575, 422.6133


 33.3629, 21.8395,
38.8847


 85.1552, 63.7899,
98.7917

 22.5651, 13.7390,
26.3629


 110.1035, 84.9377,
127.6030

 14.3917, 7.9394,
16.8671

 139.5028,
110.3083, 161.5331

 8.4771, 4.0562,
9.9789

173.7186,
140.2862, 201.0004

 4.4561, 1.7050,
5.2795

213.1161,
175.2556, 246.4236

 1.9632, 0.4269,
2.3506

258.0607,

 0.6132, 0.0000,

215.6010, 298.2211

0.7594

308.9178,
261.7069, 356.8115

■ 0.0000, 0.0000,
0.0000

■ 47.1502, 32.6252,
54.8511

■ 47.1502, 32.6252,
54.8511

■ 44.1272, 27.7145,
50.3421

■ 50.8367, 38.8115,
59.7374

■ 41.7183, 23.9828,
46.1912

■ 55.2254, 46.3515,
65.0150

■ 39.8722, 21.3273,
42.3795


■ 60.3555, 55.3226,
70.6990


■ 38.5270, 19.6251,
38.8843


■ 66.2624, 65.7950,
76.8032


■ 37.5960, 18.7037,
35.6748


■ 72.9791, 77.8341,
83.3403

 37.4330, 18.5602,
35.0574

 80.5367, 91.5016,
90.3226

 82.4228, 93.7722,
95.5809

 83.3955, 94.1612,
100.7031

 84.4027, 94.5641,
106.0067

Harmonies

Analogous

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



41.1229, 32.6252, 82.1364



47.1502, 32.6252, 54.8511



48.5263, 32.6252, 30.2225

Triad

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



47.1502, 32.6252, 54.8511



29.0985, 32.6252, 7.5784



20.4949, 32.6252, 68.8259

Complementary

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



47.1502, 32.6252, 54.8511



39.6081, 59.7714, 37.4690

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.



18.3144, 32.6252, 41.4103



47.1502, 32.6252, 54.8511



22.7067, 32.6252, 11.0551

Square

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



47.1502, 32.6252, 54.8511



37.1765, 32.6252, 8.6820



19.0496, 32.6252, 21.3706



25.5649, 32.6252, 92.3015

Rectangle

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



47.1502, 32.6252, 54.8511



46.4399, 32.6252, 19.0937



19.0496, 32.6252, 21.3706



19.4424, 32.6252, 59.4010

Sweetspot

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



47.1512, 32.6267, 54.8518



83.0935, 78.6572, 96.9909



32.0940, 24.4194, 74.2565



17.4314, 16.2099, 20.3888



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.



47.1512, 32.6267, 54.8518



58.4607, 36.5773, 66.6273



42.1771, 30.6371, 28.6584



14.1185, 13.8650, 16.3942



21.6232, 10.7163, 20.4796



1.5369, 0.7580, 1.6200

Inverse Universe

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



47.1512, 32.6267, 54.8518



58.4607, 36.5773, 66.6273



44.8759, 61.8785, 65.2088



14.1185, 13.8650, 16.3942



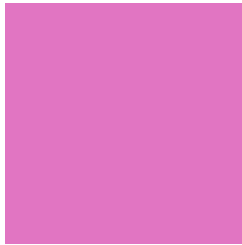
21.6232, 10.7163, 20.4796



1.5369, 0.7580, 1.6200

Previews

White Background



This preview shows how the XYZ color 47.1502, 32.6252, 54.8511 looks on a white background.

Color Contrast Check

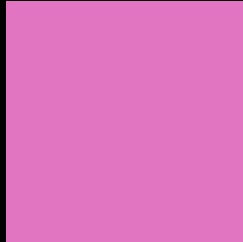
Large Text (above 18pt) WCAG AA × Fail

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 47.1502, 32.6252, 54.8511 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 47.1502, 32.6252, 54.8511

Background



This preview shows how black text looks on a background with the XYZ color 47.1502, 32.6252, 54.8511.

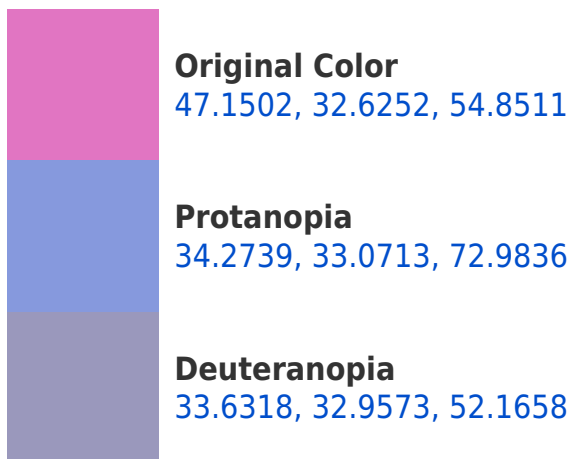


This preview shows how white text looks on a background with the XYZ color 47.1502, 32.6252,

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

41.6511, 32.5956, 28.1411

Trichromacy



Original Color

47.1502, 32.6252, 54.8511



Protanomaly

37.0723, 31.6748, 65.7879



Deuteranomaly

37.3493, 31.8862, 52.9013



Tritanomaly

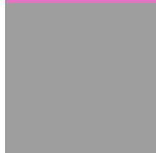
43.3240, 32.5080, 36.3390

Monochromacy



Original Color

47.1502, 32.6252, 54.8511



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

36.4646, 32.5303, 42.8852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1502, 32.6252, 54.8511 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(225, 117, 194)` looks like.

```
.text, #text, p{  
    color:rgb(225, 117, 194)  
}
```

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(225, 117, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 117, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.1502, 32.6252, 54.8511 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(225, 117, 194) }
```


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

```
.border{ border-color:rgb(225, 117, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 117, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 117, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 117, 194);  
box-shadow:4px 4px 4px 4px rgb(225, 117,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1502, 32.6252, 54.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 117, 194) }
```

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

```
.background{ background-color: rgb(225,  
117, 194) }
```

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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