

Converting Colors

XYZ(46.3526, 47.6209, 59.5556)

Have a look what the booklet for
XYZ(46.3526, 47.6209, 59.5556)
contains.

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Color

**XYZ(46.3344, 47.5544,
59.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B6C5
RGB	183, 182, 197
RGB Percent	72%, 71%, 77%
CMY	0.2823, 0.2863, 0.2274
CMYK	0.07, 0.08, 0.00, 0.23
HSL	244°, 11%, 74%
HSV	244°, 8%, 77%
XYZ	46.3344, 47.5544, 59.5602
YIQ	184.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

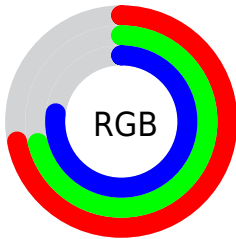
Format	Color
R _Y B	183, 182, 197
Decimal	12039877
CIE Lab	74.54, 3.24, -7.46
CIE LCh	75, 8.132, 293.486
Yxy	47.5544, 0.3020, 0.3099
Android (android.graphics.Color)	4290229957 (0xFFB7B6C5)
YUV	184.0090, 6.4046, -0.8849
Hunter-Lab	68.9597, -0.7443, -2.9367

Details

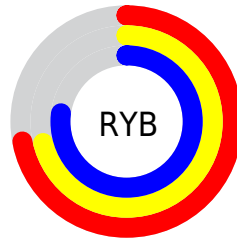
The XYZ color **46.3344, 47.5544, 59.5602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1766, 55.0470, 52.1862**, and the grayscale version is **45.5335, 47.9048, 52.1683**.

A 20% lighter version of the original color is **84.0605, 86.6556, 106.0617**, and **22.0141, 22.4295, 29.1557** is the 20% darker color. If you saturate the color by 10%, you get **38.4884, 37.9369, 58.1181**, and if you desaturate by 10%, it is **55.3223, 58.6057, 61.2203**.

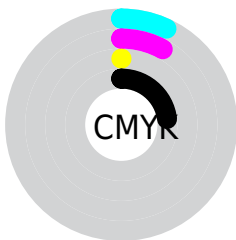
Distribution



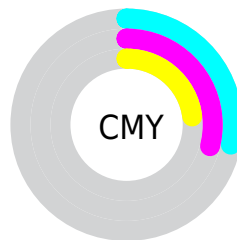
- Red (72%)
- Green (71%)
- Blue (77%)



- Red (72%)
- Yellow (71%)
- Blue (77%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3344, 47.5544, 59.5602 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 46.3344, 47.5544, 59.5602 by changing the saturation by 10% instead.

■ 46.3344, 47.5544,
59.5602

■ 46.3344, 47.5544,
59.5602

362.8449,
377.0231, 440.7343

■ 32.7155, 33.4741,
42.6413

■ 83.9440, 86.5406,
105.7285

■ 22.0668, 22.4899,
29.2744

108.6655,
112.2153, 135.8150

■ 14.0229, 14.2173,
19.0412

137.8186,
142.5236, 171.1278

■ 8.2184, 8.2720,
11.5229

171.7685,
177.8499, 212.0853

■ 4.2880, 4.2695,
6.3011

210.8808,
218.5787, 259.1062

■ 1.8663, 1.8254,
2.9573

255.5207,

■ 0.5571, 0.5029,

265.0942, 312.6090

1.0729

306.0536,
317.7809, 373.0122

■ 0.0000, 0.0000,
0.0000

■ 46.3344, 47.5544,
59.5602

■ 46.3344, 47.5544,
59.5602

■ 38.4884, 37.9369,
58.1181

■ 55.3223, 58.6057,
61.2203

■ 31.7346, 29.6887,
56.8820

■ 65.4910, 71.1398,
63.1037

■ 26.0257, 22.7494,
55.8435

■ 76.8825, 85.2110,
65.2193

■ 21.3096, 17.0515,
54.9922

■ 87.0782, 96.8113,
66.9210

■ 17.5293, 12.5218,
54.3171

■ 14.6224, 9.0791,
53.8059

■ 12.5185, 6.6321,
53.4444

■ 11.1365, 5.0742,
53.2166

■ 10.3692, 4.2571,
53.0993

Harmonies

Analogous

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



44.8793, 47.5544, 60.2414



46.3344, 47.5544, 59.5602



47.5081, 47.5544, 56.7441

Triad

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



46.3344, 47.5544, 59.5602



46.9011, 47.5544, 45.5437



42.4496, 47.5544, 50.8661

Complementary

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



46.3344, 47.5544, 59.5602



51.1766, 55.0470, 52.1862

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.



42.9660, 47.5544, 47.1117



46.3344, 47.5544, 59.5602



45.5203, 47.5544, 44.1481

Square

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



46.3344, 47.5544, 59.5602



47.8402, 47.5544, 48.6204



44.0824, 47.5544, 44.7062



42.6569, 47.5544, 55.0708

Rectangle

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



46.3344, 47.5544, 59.5602



47.9623, 47.5544, 54.1129



44.0824, 47.5544, 44.7062



42.5439, 47.5544, 49.5125

Sweetspot

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



46.3358, 47.5564, 59.5612



91.7146, 95.8973, 108.2839



49.1673, 53.5703, 60.5728



19.6656, 20.5689, 23.1837



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.



46.3358, 47.5564, 59.5612



80.7132, 82.3821, 106.2550



48.1054, 48.4687, 59.6441



10.1209, 10.3206, 13.3761



6.7648, 2.7216, 34.9131



0.3436, 0.1409, 1.6542

Inverse Universe

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



49.7194, 49.3139, 59.1252



87.9160, 86.1235, 105.3150



49.3355, 54.0979, 52.1000



11.0515, 10.8040, 13.2544



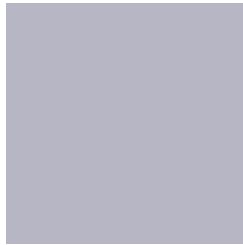
20.8415, 10.0862, 30.7051



0.9962, 0.4813, 1.5034

Previews

White Background



This preview shows how the XYZ color 46.3344, 47.5544, 59.5602 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 46.3344, 47.5544, 59.5602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

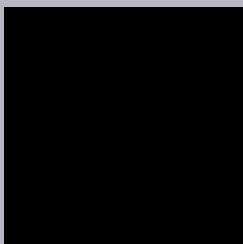
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

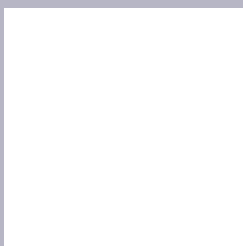
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.3344, 47.5544, 59.5602

Background



This preview shows how black text looks on a background with the XYZ color 46.3344, 47.5544, 59.5602.

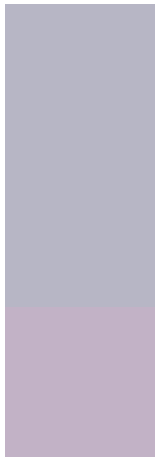


This preview shows how white text looks on a background with the XYZ color 46.3344, 47.5544,

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

46.3344, 47.5544, 59.5602

Protanopia

46.3344, 47.5544, 59.5602

Deuteranopia

48.3616, 47.3873, 60.0238



Tritanopia

46.2202, 47.5087, 58.9586

Trichromacy



Original Color

46.3344, 47.5544, 59.5602

Protanomaly

46.3344, 47.5544, 59.5602

Deuteranomaly

47.5483, 47.2646, 60.0430

Tritanomaly

46.2202, 47.5087, 58.9586

Monochromacy



Original Color

46.3344, 47.5544, 59.5602

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.8860, 47.7314, 54.9388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3344, 47.5544, 59.5602 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(183, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 197)  
}
```

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(183, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 197) }
```

Border

The CSS property to change the border of an element to XYZ 46.3344, 47.5544, 59.5602 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(183, 182, 197) }
```


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

```
.border{ border-color:rgb(183, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3344, 47.5544, 59.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 197) }
```

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

```
.background{ background-color: rgb(183,  
182, 197) }
```

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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