

Converting Colors

XYZ(46.1695, 37.3334, 62.5303)

Have a look what the booklet for
XYZ(46.1695, 37.3334, 62.5303)
contains.

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Color

**XYZ(46.1695, 37.3334,
62.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	CD90CD
RGB	205, 144, 205
RGB Percent	80%, 56%, 80%
CMY	0.1961, 0.4353, 0.1961
CMYK	0.00, 0.30, 0.00, 0.20
HSL	300°, 38%, 68%
HSV	300°, 30%, 80%
XYZ	46.1695, 37.3334, 62.5303
YIQ	169.1930, 16.7750, 31.9030

Conversions

Conversions Part 2

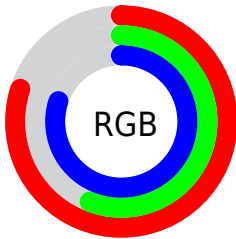
Format	Color
R _Y B	205, 144, 205
Decimal	13471949
CIE Lab	67.53, 33.02, -22.23
CIE LCh	68, 39.804, 326.047
Yxy	37.3334, 0.3162, 0.2557
Android (android.graphics.Color)	4291662029 (0xFFCD90CD)
YUV	169.1930, 17.6529, 31.4027
Hunter-Lab	61.1011, 27.9522, -17.9061

Details

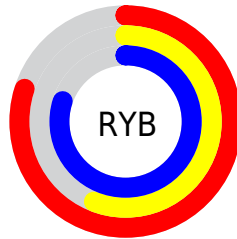
The XYZ color **46.1695, 37.3334, 62.5303** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.3684, 51.6067, 34.3264**, and the grayscale version is **37.7181, 39.6824, 43.2141**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **21.9907, 16.3727, 31.2794** is the 20% darker color. If you saturate the color by 10%, you get **43.3424, 31.6785, 61.5883**, and if you desaturate by 10%, it is **49.5627, 44.1191, 63.6618**.

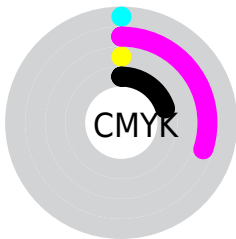
Distribution



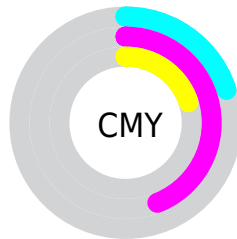
- Red (80%)
- Green (56%)
- Blue (80%)



- Red (80%)
- Yellow (56%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1695, 37.3334, 62.5303 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 46.1695, 37.3334, 62.5303 by changing the saturation by 10% instead.

■ 46.1695, 37.3334,
62.5303

■ 46.1695, 37.3334,
62.5303

362.1942,
334.7517, 451.9238

■ 32.5848, 25.4657,
45.0228

■ 83.6989, 71.0853,
110.0706

■ 21.9663, 16.4244,
31.1323

■ 108.3743, 93.7382,
140.9405

■ 13.9486, 9.8250,
20.4403

137.4774,
120.7551, 177.1016

■ 8.1664, 5.2830,
12.5283

171.3734,
152.5203, 218.9724

■ 4.2543, 2.4143,
6.9776

210.4277,
189.4181, 266.9714

■ 1.8470, 0.8332,
3.3699

255.0057,

■ 0.5457, 0.0000,

231.8331, 321.5173

1.2865

305.4728,
280.1494, 383.0286

■ 0.0000, 0.0000,
0.0507

■ 0.0000, 0.0000,
0.0000

■ 46.1695, 37.3334,
62.5303

■ 46.1695, 37.3334,
62.5303

■ 43.3424, 31.6785,
61.5883

■ 49.5627, 44.1191,
63.6618

■ 41.0474, 27.0885,
60.8232

■ 53.5467, 52.0871,
64.9899

■ 39.2521, 23.4980,
60.2247

■ 58.1491, 61.2918,
66.5241

■ 37.9195, 20.8328,
59.7804

■ 63.3945, 71.7826,
68.2726

37.0071, 19.0081,
59.4763

69.3064, 83.6064,
70.2433

36.4649, 17.9236,
59.2954

71.9568, 88.9072,
71.1269

36.2021, 17.3980,
59.2078

71.9568, 88.9072,
71.1269

36.1966, 17.3871,
59.2060

71.9568, 88.9072,
71.1270

71.9568, 88.9072,
71.1271

Harmonies

Analogous

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



40.9073, 37.3334, 79.0746



46.1695, 37.3334, 62.5303



48.5681, 37.3334, 43.0176

Triad

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



46.1695, 37.3334, 62.5303



36.3017, 37.3334, 15.4435



25.9260, 37.3334, 57.3196

Complementary

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



46.1695, 37.3334, 62.5303



38.3684, 51.6067, 34.3264

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.



24.9905, 37.3334, 38.3703



46.1695, 37.3334, 62.5303



30.5631, 37.3334, 17.2645

Square

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



46.1695, 37.3334, 62.5303



42.4717, 37.3334, 18.6108



26.5897, 37.3334, 24.5811



29.3086, 37.3334, 75.5090

Rectangle

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



46.1695, 37.3334, 62.5303



48.0392, 37.3334, 32.0260



26.5897, 37.3334, 24.5811



25.3329, 37.3334, 50.6972

Sweetspot

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



46.1707, 37.3350, 62.5311



88.1607, 86.2214, 106.6035



32.4959, 30.2855, 61.8913



18.6488, 18.0124, 22.7438



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.



46.1707, 37.3350, 62.5311



72.4227, 54.7454, 101.3572



42.8402, 36.0029, 44.9933



11.6876, 11.4038, 14.1555



22.5335, 10.8240, 36.8574



1.1625, 0.5584, 1.9014

Inverse Universe

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



46.1707, 37.3350, 62.5311



72.4227, 54.7454, 101.3572



41.0231, 52.6686, 48.3058



11.6876, 11.4038, 14.1555



22.5335, 10.8240, 36.8574



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 46.1695, 37.3334, 62.5303 looks on a white background.

Color Contrast Check

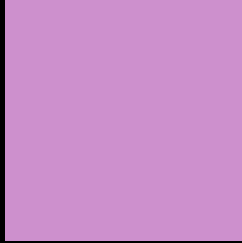
Large Text (above 18pt) WCAG AA × Fail

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 46.1695, 37.3334, 62.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

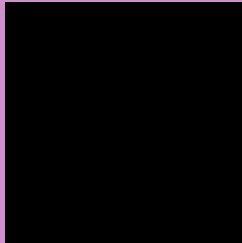
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1695, 37.3334, 62.5303

Background



This preview shows how black text looks on a background with the XYZ color 46.1695, 37.3334, 62.5303.



This preview shows how white text looks on a background with the XYZ color 46.1695, 37.3334,

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

46.1695, 37.3334, 62.5303

Protanopia

38.2778, 37.6984, 72.2769

Deuteranopia

38.3058, 37.4354, 61.0839



Tritanopia

41.4823, 37.2789, 40.1312

Trichromacy



Original Color

46.1695, 37.3334, 62.5303



Protanomaly

40.3883, 37.0670, 68.6443



Deuteranomaly

40.8609, 37.2195, 61.5304



Tritanomaly

42.9715, 37.1671, 47.5569

Monochromacy



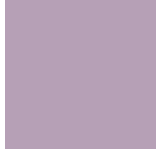
Original Color

46.1695, 37.3334, 62.5303



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

40.3057, 38.4641, 49.5559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1695, 37.3334, 62.5303 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(205, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 205)  
}
```

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(205, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 205) }
```

Border

The CSS property to change the border of an element to XYZ 46.1695, 37.3334, 62.5303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

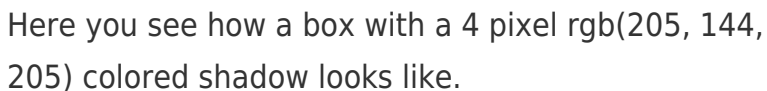
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 144, 205) }
```


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

```
.border{ border-color:rgb(205, 144, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 144, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 144, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 144, 205); box-shadow:4px 4px 4px 4px rgb(205, 144, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1695, 37.3334, 62.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 144, 205) }
```

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

```
.background{ background-color: rgb(205,  
144, 205) }
```

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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