

Converting Colors

XYZ(46.7815, 36.2285, 57.3654)

Have a look what the booklet for
XYZ(46.7815, 36.2285, 57.3654)
contains.

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Color

**XYZ(46.7553, 36.2187,
57.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	D689C5
RGB	214, 137, 197
RGB Percent	84%, 54%, 77%
CMY	0.1608, 0.4627, 0.2274
CMYK	0.00, 0.36, 0.08, 0.16
HSL	313°, 48%, 69%
HSV	313°, 36%, 84%
XYZ	46.7553, 36.2187, 57.3500
YIQ	166.8630, 26.6320, 34.9840

Conversions

Conversions Part 2

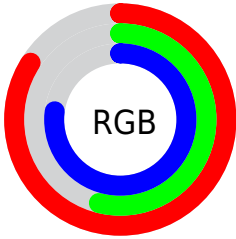
Format	Color
RYB	214, 137, 197
Decimal	14059973
CIELab	66.69, 38.29, -18.95
CIELCh	67, 42.727, 333.664
Yxy	36.2187, 0.3332, 0.2581
Android (android.graphics.Color)	4292250053 (0xFFD689C5)
YUV	166.8630, 14.8575, 41.3391
Hunter-Lab	60.1820, 33.3580, -14.3726

Details

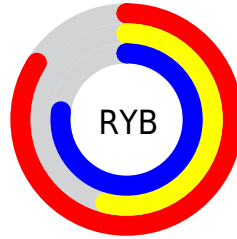
The XYZ color **46.7553, 36.2187, 57.3500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.1974, 55.7458, 39.2156**, and the grayscale version is **36.5859, 38.4912, 41.9169**.

A 20% lighter version of the original color is **77.9790, 66.1150, 102.4175**, and **22.3070, 15.7493, 27.8508** is the 20% darker color. If you saturate the color by 10%, you get **43.4769, 30.5142, 53.6279**, and if you desaturate by 10%, it is **50.6562, 43.1398, 61.3641**.

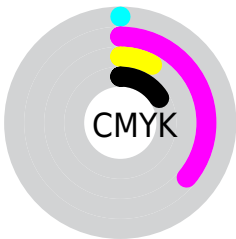
Distribution



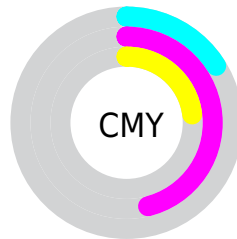
- Red (84%)
- Green (54%)
- Blue (77%)



- Red (84%)
- Yellow (54%)
- Blue (77%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7553, 36.2187, 57.3500 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 46.7553, 36.2187, 57.3500 by changing the saturation by 10% instead.


 46.7553, 36.2187,
57.3500

 46.7553, 36.2187,
57.3500

364.5022,
329.9154, 432.2899


 33.0494, 24.6031,
40.8751


 84.5692, 69.3695,
102.4811

 22.3237, 15.7816,
27.9025


 109.4079, 91.6735,
131.9744

 14.2129, 9.3698,
18.0138


 138.6883,
118.3092, 166.6442

 8.3516, 4.9831,
10.7903

172.7756,
149.6608, 206.9090

 4.3744, 2.2374,
5.8136

212.0354,
186.1129, 253.1875

 1.9161, 0.7403,
2.6651

256.8328,

 0.5861, 0.0000,

228.0497, 305.8981

0.9258

307.5333,
275.8558, 365.4594

■ 0.0000, 0.0000,
0.0000

■ 46.7553, 36.2187,
57.3500

■ 46.7553, 36.2187,
57.3500

■ 43.4769, 30.5142,
53.6279

■ 50.6562, 43.1398,
61.3641

■ 40.7816, 25.9497,
50.1829

■ 55.2093, 51.3385,
65.6796

■ 38.6307, 22.4474,
47.0015


■ 60.4464, 60.8774,
70.3084


■ 36.9795, 19.9179,
44.0681


■ 66.3962, 71.8139,
75.2606


■ 35.7755, 18.2568,
41.3644


■ 73.0856, 84.2016,
80.5461


 34.9540, 17.3346,
38.8681

 77.1304, 91.2717,
85.0375

 34.6839, 17.0771,
37.9068

 77.7855, 91.5338,
88.4869

 78.4585, 91.8030,
92.0312

 79.1497, 92.0794,
95.6709

Harmonies

Analogous

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



41.7539, 36.2187, 76.9206



46.7553, 36.2187, 57.3500



48.3173, 36.2187, 37.2130

Triad

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



46.7553, 36.2187, 57.3500



33.6396, 36.2187, 13.5793



25.1143, 36.2187, 62.5372

Complementary

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



46.7553, 36.2187, 57.3500



40.1974, 55.7458, 39.2156

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.



23.4886, 36.2187, 41.7458



46.7553, 36.2187, 57.3500



28.0078, 36.2187, 16.6741

Square

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



46.7553, 36.2187, 57.3500



40.2145, 36.2187, 15.4299



24.4785, 36.2187, 25.7048



29.2193, 36.2187, 80.5128

Rectangle

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



46.7553, 36.2187, 57.3500



47.0551, 36.2187, 26.8476



24.4785, 36.2187, 25.7048



24.2847, 36.2187, 55.4485

Sweetspot

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



46.7564, 36.2203, 57.3508



85.7642, 82.9983, 100.9646



34.3512, 29.5873, 67.5195



18.1313, 17.3542, 21.4100



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.



46.7564, 36.2203, 57.3508



65.8131, 47.3756, 81.1215



42.9207, 34.6861, 37.1523



12.8302, 12.5836, 15.0460



21.0044, 10.3381, 23.1249



1.2965, 0.6354, 1.5510

Inverse Universe

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



46.7564, 36.2203, 57.3508



65.8131, 47.3756, 81.1215



43.8992, 57.2265, 58.7091



12.8302, 12.5836, 15.0460



21.0044, 10.3381, 23.1249



1.2965, 0.6354, 1.5510

Previews

White Background



This preview shows how the XYZ color 46.7553, 36.2187, 57.3500 looks on a white background.

Color Contrast Check

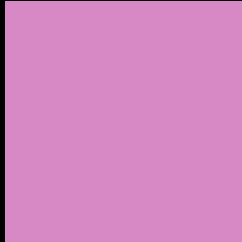
Large Text (above 18pt) WCAG AA × Fail

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 46.7553, 36.2187, 57.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

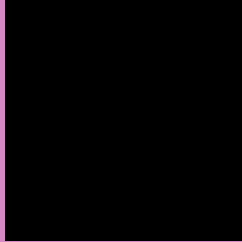
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7553, 36.2187, 57.3500

Background



This preview shows how black text looks on a background with the XYZ color 46.7553, 36.2187, 57.3500.



This preview shows how white text looks on a background with the XYZ color 46.7553, 36.2187,

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

46.7553, 36.2187, 57.3500

Protanopia

37.0952, 36.6407, 68.7356

Deuteranopia

37.3336, 36.5390, 55.5371



Tritanopia

42.4206, 36.2064, 36.2052

Trichromacy



Original Color

46.7553, 36.2187, 57.3500

Protanomaly

39.6267, 35.7812, 64.4924

Deuteranomaly

40.0956, 35.9733, 55.8692

Tritanomaly

43.8877, 36.1352, 43.1897

Monochromacy



Original Color

46.7553, 36.2187, 57.3500

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.6915, 37.1816, 47.2043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7553, 36.2187, 57.3500 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(214, 137, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 137, 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(214, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 137, 197) }
```

Border

The CSS property to change the border of an element to XYZ 46.7553, 36.2187, 57.3500 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(214, 137, 197) }
```


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

```
.border{ border-color:rgb(214, 137, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 137, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 137, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 137, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 137,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7553, 36.2187, 57.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 137, 197) }
```

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

```
.background{ background-color: rgb(214,  
137, 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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