

Converting Colors

XYZ(40.5032, 35.3052, 32.4979)

Have a look what the booklet for
XYZ(40.5032, 35.3052, 32.4979)
contains.

XYZ(40.6475, 35.3681, 32.7013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.6475, 35.3681,
32.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9194
RGB	205, 145, 148
RGB Percent	80%, 57%, 58%
CMY	0.1961, 0.4314, 0.4196
CMYK	0.00, 0.29, 0.28, 0.20
HSL	357°, 37%, 69%
HSV	357°, 29%, 80%
XYZ	40.6475, 35.3681, 32.7013
YIQ	163.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

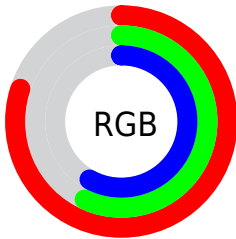
Format	Color
RYB	205, 145, 148
Decimal	13472148
CIELab	66.03, 23.11, 7.50
CIELCh	66, 24.297, 17.985
Yxy	35.3681, 0.3739, 0.3253
Android (android.graphics.Color)	4291662228 (0xFFCD9194)
YUV	163.2820, -7.5340, 36.5867
Hunter-Lab	59.4711, 17.9274, 9.0280

Details

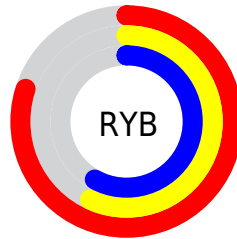
The XYZ color **40.6475, 35.3681, 32.7013** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1706, 53.9474, 63.9648**, and the grayscale version is **34.9698, 36.7910, 40.0654**.

A 20% lighter version of the original color is **72.3241, 66.3711, 64.8761**, and **18.5548, 15.2580, 13.2764** is the 20% darker color. If you saturate the color by 10%, you get **36.3789, 29.0938, 24.3018**, and if you desaturate by 10%, it is **45.7426, 42.8798, 42.6568**.

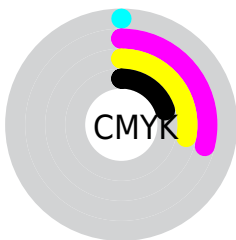
Distribution



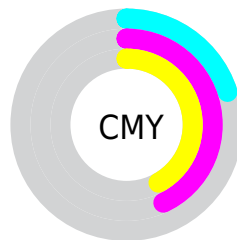
- Red (80%)
- Green (57%)
- Blue (58%)



- Red (80%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6475, 35.3681, 32.7013 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 40.6475, 35.3681, 32.7013 by changing the saturation by 10% instead.


 40.6475, 35.3681,
32.7013


 40.6475, 35.3681,
32.7013


339.9330,
326.1901, 328.8923

 28.2302, 23.9466,
21.6285


 75.4266, 68.0556,
65.0195

 18.6406, 15.2940,
13.3885


 98.5191, 90.0904,
87.1020

 11.5133, 9.0260,
7.5627


125.9007,
116.4317, 113.6915

 6.4831, 4.7581,
3.7327

157.9368,
147.4640, 145.2065

 3.1844, 2.1061,
1.4799

194.9927,
183.5715, 182.0655

 1.2520, 0.6680,
0.2029

237.4338,

 0.1469, 0.0000,

225.1388, 224.6871

0.0000

285.6255,
272.5502, 273.4898

■ 0.0000, 0.0000,
0.0000

■ 40.6475, 35.3681,
32.7013

■ 40.6475, 35.3681,
32.7013

■ 36.3789, 29.0938,
24.3018

■ 45.7426, 42.8798,
42.6568

■ 32.8906, 23.9860,
17.3778

■ 51.7016, 51.6852,
54.2391

■ 30.1362, 19.9742,
11.8446

■ 58.5630, 61.8427,
67.5172

■ 28.0632, 16.9782,
7.6081

■ 66.3621, 73.4062,
82.5556

■ 26.6120, 14.9068,
4.5628

■ 75.1324, 86.4263,
99.4153

■ 25.7131, 13.6528,
2.5862

■ 78.9868, 91.7191,
108.1483

■ 25.2575, 13.0376,
1.5225

■ 25.2329, 13.0016,
1.4736

Harmonies

Analogous

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



40.8599, 35.3681, 42.7906



40.6475, 35.3681, 32.7013



38.4711, 35.3681, 25.5667

Triad

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



40.6475, 35.3681, 32.7013



28.7262, 35.3681, 26.6952



32.1943, 35.3681, 61.3652

Complementary

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



40.6475, 35.3681, 32.7013



44.1706, 53.9474, 63.9648

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.



29.1882, 35.3681, 55.2168



40.6475, 35.3681, 32.7013



27.2838, 35.3681, 34.5246

Square

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



40.6475, 35.3681, 32.7013



31.5217, 35.3681, 22.5498



27.4467, 35.3681, 44.9685



35.8017, 35.3681, 60.6382

Rectangle

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



40.6475, 35.3681, 32.7013



36.2814, 35.3681, 22.8855



27.4467, 35.3681, 44.9685



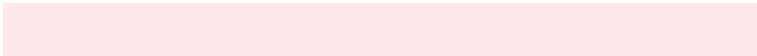
31.0851, 35.3681, 59.9945

Sweetspot

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



40.6485, 35.3698, 32.7020



84.8467, 84.8958, 89.1522



45.5029, 37.2169, 62.5429



17.8326, 17.6859, 18.4458



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.



40.6485, 35.3698, 32.7020



62.1060, 51.3517, 44.7711



45.0412, 44.5298, 33.0115



11.2347, 11.2226, 11.7703



15.7189, 8.0981, 0.9723



0.8190, 0.4210, 0.0929

Inverse Universe

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



40.6485, 35.3698, 32.7020



62.1060, 51.3517, 44.7711



38.6184, 42.2698, 63.8811



11.2347, 11.2226, 11.7703



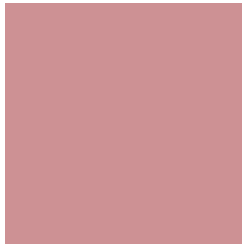
15.7189, 8.0981, 0.9723



0.8190, 0.4210, 0.0929

Previews

White Background



This preview shows how the XYZ color 40.6475, 35.3681, 32.7013 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 40.6475, 35.3681, 32.7013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

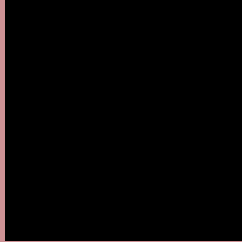
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6475, 35.3681, 32.7013

Background



This preview shows how black text looks on a background with the XYZ color 40.6475, 35.3681, 32.7013.



This preview shows how white text looks on a background with the XYZ color 40.6475, 35.3681,

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

40.6475, 35.3681, 32.7013

Protanopia

34.0886, 35.5412, 36.5160

Deuteranopia

36.2011, 35.4631, 32.1312



Tritanopia

41.3433, 35.4349, 35.6709

Trichromacy



Original Color

40.6475, 35.3681, 32.7013

Protanomaly

36.2935, 35.4459, 35.0659

Deuteranomaly

37.5683, 35.1870, 32.4155

Tritanomaly

41.0944, 35.3353, 34.3603

Monochromacy



Original Color

40.6475, 35.3681, 32.7013

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.4201, 35.7105, 37.3210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6475, 35.3681, 32.7013 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, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 148)  
}
```

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, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.6475, 35.3681, 32.7013 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, 145, 148) }
```


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

```
.border{ border-color:rgb(205, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(205, 145,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6475, 35.3681, 32.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 148) }
```

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

```
.background{ background-color: rgb(205,  
145, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor