

Converting Colors

XYZ(40.8747, 36.1607, 32.3053)

Have a look what the booklet for
XYZ(40.8747, 36.1607, 32.3053)
contains.

XYZ(41.0332, 36.2655, 32.4410)	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(41.0332, 36.2655,
32.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9493
RGB	205, 148, 147
RGB Percent	80%, 58%, 58%
CMY	0.1961, 0.4196, 0.4235
CMYK	0.00, 0.28, 0.28, 0.20
HSL	1°, 37%, 69%
HSV	1°, 28%, 80%
XYZ	41.0332, 36.2655, 32.4410
YIQ	164.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

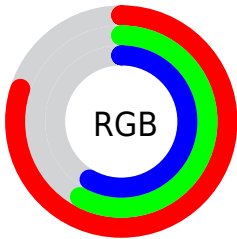
Format	Color
R _Y B	205, 148, 147
Decimal	13472915
CIE Lab	66.72, 21.33, 9.04
CIE LCh	67, 23.170, 22.977
Yxy	36.2655, 0.3739, 0.3305
Android (android.graphics.Color)	4291662995 (0xFFCD9493)
YUV	164.9290, -8.8390, 35.1423
Hunter-Lab	60.2208, 16.2396, 10.2150

Details

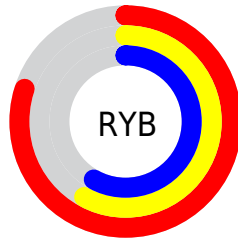
The XYZ color **41.0332, 36.2655, 32.4410** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6443, 53.7949, 65.7883**, and the grayscale version is **35.7605, 37.6228, 40.9712**.

A 20% lighter version of the original color is **72.9031, 67.7181, 64.4868**, and **18.8268, 15.8020, 13.3671** is the 20% darker color. If you saturate the color by 10%, you get **36.6762, 29.9003, 23.7469**, and if you desaturate by 10%, it is **46.2288, 43.8485, 42.8297**.

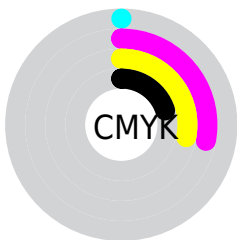
Distribution



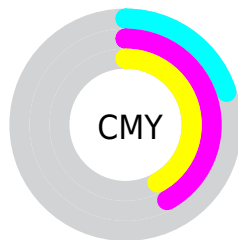
- Red (80%)
- Green (58%)
- Blue (58%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0332, 36.2655, 32.4410 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 41.0332, 36.2655, 32.4410 by changing the saturation by 10% instead.


 41.0332, 36.2655,
32.4410


 41.0332, 36.2655,
32.4410


341.5196,
330.1195, 327.6777

 28.5328, 24.6393,
21.4310


 76.0087, 69.4417,
64.6077

 18.8702, 15.8085,
13.2451


 99.2145, 91.7604,
86.6015

 11.6800, 9.3888,
7.4648


126.7195,
118.4122, 113.0936

 6.5968, 4.9956,
3.6716

158.8890,
149.7813, 144.5025

 3.2553, 2.2447,
1.4470

196.0884,
186.2522, 181.2468

 1.2902, 0.7442,
0.1780

238.6831,

 0.1758, 0.0000,

228.2093, 223.7451

0.0000

287.0383,
276.0369, 272.4159

■ 0.0000, 0.0000,
0.0000

■ 41.0332, 36.2655,
32.4410

■ 41.0332, 36.2655,
32.4410

■ 36.6762, 29.9003,
23.7469

■ 46.2288, 43.8485,
42.8297

■ 33.1110, 24.6849,
16.6555

■ 52.3005, 52.7029,
54.9937

■ 30.2911, 20.5520,
11.0695

■ 59.2873, 62.8848,
69.0115

■ 28.1636, 17.4258,
6.8803

■ 67.2248, 74.4460,
84.9560

■ 26.6687, 15.2203,
3.9647

■ 76.1467, 87.4352,
102.8963

■ 25.7368, 13.8352,
2.1782

■ 78.9869, 91.7192,
108.1483

■ 25.2720, 13.1386,
1.3045

■ 25.2154, 13.0562,
1.1911

Harmonies

Analogous

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



41.5778, 36.2655, 41.8869



41.0332, 36.2655, 32.4410



38.6757, 36.2655, 26.0290

Triad

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



41.0332, 36.2655, 32.4410



29.3779, 36.2655, 28.9958



33.6542, 36.2655, 61.8320

Complementary

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



41.0332, 36.2655, 32.4410



44.6443, 53.7949, 65.7883

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.



30.5794, 36.2655, 56.9305



41.0332, 36.2655, 32.4410



28.2210, 36.2655, 37.1805

Square

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



41.0332, 36.2655, 32.4410



31.9122, 36.2655, 24.2873



28.6456, 36.2655, 47.4857



37.1594, 36.2655, 59.9865

Rectangle

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



41.0332, 36.2655, 32.4410



36.4741, 36.2655, 23.7961



28.6456, 36.2655, 47.4857



32.5393, 36.2655, 60.8945

Sweetspot

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



41.0342, 36.2672, 32.4417



85.8726, 86.6249, 90.4889



46.5139, 38.2082, 62.0713



18.0346, 18.0374, 18.6754



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.



41.0342, 36.2672, 32.4417



62.6733, 52.7732, 44.0755



46.1592, 46.5172, 34.1501



11.2276, 11.2442, 11.6580



15.7047, 8.1423, 0.7439



0.8158, 0.4312, 0.0402

Inverse Universe

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



44.6443, 53.7949, 65.7883



69.5455, 86.1439, 107.5697



38.3889, 41.2841, 63.7031



11.5260, 12.6924, 14.4128



19.9360, 28.8960, 40.4830



1.0339, 1.5016, 2.0903

Previews

White Background



This preview shows how the XYZ color 41.0332, 36.2655, 32.4410 looks on a white background.

Color Contrast Check

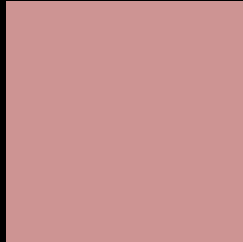
Large Text (above 18pt) WCAG AA × Fail

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 41.0332, 36.2655, 32.4410 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 41.0332, 36.2655, 32.4410

Background



This preview shows how black text looks on a background with the XYZ color 41.0332, 36.2655, 32.4410.



This preview shows how white text looks on a background with the XYZ color 41.0332, 36.2655,

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

41.0332, 36.2655, 32.4410

Protanopia

34.6894, 36.3892, 35.7673

Deuteranopia

37.1754, 36.4726, 31.8686



Tritanopia

41.9040, 36.1482, 37.1165

Trichromacy



Original Color

41.0332, 36.2655, 32.4410

Protanomaly

36.6989, 36.1721, 34.3258

Deuteranomaly

38.4821, 36.3930, 32.1905

Tritanomaly

41.7201, 36.3223, 35.3839

Monochromacy



Original Color

41.0332, 36.2655, 32.4410

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3921, 36.9682, 37.5126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0332, 36.2655, 32.4410 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, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(205, 148, 147)  
}
```

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, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 148, 147) }
```

Border

The CSS property to change the border of an element to XYZ 41.0332, 36.2655, 32.4410 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, 148, 147) }
```


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

```
.border{ border-color:rgb(205, 148, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 148, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(205, 148,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0332, 36.2655, 32.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 148, 147) }
```

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

```
.background{ background-color: rgb(205,  
148, 147) }
```

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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