

Converting Colors

XYZ(35.3615, 32.8125, 56.0998)

Have a look what the booklet for
XYZ(35.3615, 32.8125, 56.0998)
contains.

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Color

**XYZ(35.3405, 32.8013,
56.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	A294C3
RGB	162, 148, 195
RGB Percent	64%, 58%, 76%
CMY	0.3647, 0.4196, 0.2353
CMYK	0.17, 0.24, 0.00, 0.24
HSL	258°, 28%, 67%
HSV	258°, 24%, 76%
XYZ	35.3405, 32.8013, 56.0984
YIQ	157.5440, -6.7430, 17.5850

Conversions

Conversions Part 2

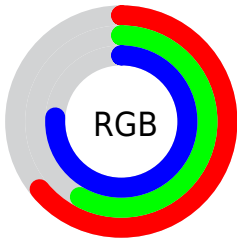
Format	Color
R_{YB}	162, 148, 195
Decimal	10654915
CIE _{Lab}	64.00, 14.71, -22.40
CIE _{LCh}	64, 26.804, 303.296
Yxy	32.8013, 0.2845, 0.2640
Android (android.graphics.Color)	4288844995 (0xFFA294C3)
YUV	157.5440, 18.4658, 3.9079
Hunter-Lab	57.2724, 9.9184, -17.9839

Details

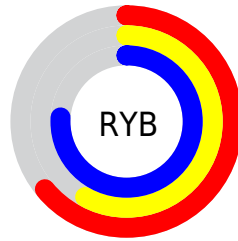
The XYZ color **35.3405, 32.8013, 56.0984** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9175, 50.9929, 35.5463**, and the grayscale version is **32.2153, 33.8930, 36.9095**.

A 20% lighter version of the original color is **67.3065, 64.0210, 100.9053**, and **15.5128, 13.7875, 27.0429** is the 20% darker color. If you saturate the color by 10%, you get **29.9043, 25.8350, 55.0408**, and if you desaturate by 10%, it is **41.5969, 40.9569, 57.3434**.

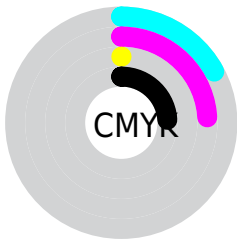
Distribution



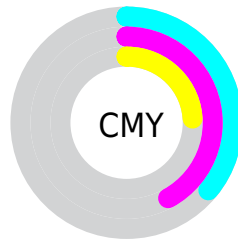
- Red (64%)
- Green (58%)
- Blue (76%)



- Red (64%)
- Yellow (58%)
- Blue (76%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3405, 32.8013, 56.0984 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 35.3405, 32.8013, 56.0984 by changing the saturation by 10% instead.

■ 35.3405, 32.8013,
56.0984

■ 35.3405, 32.8013,
56.0984

317.5505,
314.7534, 427.4610

■ 24.0930, 21.9743,
39.8773

■ 67.3435, 64.0652,
100.6357

■ 15.5278, 13.8380,
27.1298

■ 88.8297, 85.2708,
129.7889

■ 9.2793, 8.0081,
17.4375

114.4595,
110.7048, 164.0899

■ 4.9824, 4.1001,
10.3816

144.5983,
140.7515, 203.9573

■ 2.2716, 1.7297,
5.5438

179.6115,
175.7953, 249.8096

■ 0.7801, 0.4428,
2.5055

219.8643,

■ 0.0000, 0.0000,

216.2207, 302.0652

0.8431

265.7222,
262.4119, 361.1428

■ 0.0000, 0.0000,
0.0000

■ 35.3405, 32.8013,
56.0984

■ 35.3405, 32.8013,
56.0984

■ 29.9043, 25.8350,
55.0408

■ 41.5969, 40.9569,
57.3434

■ 25.2497, 19.9974,
54.1594

■ 48.7036, 50.3506,
58.7820

■ 21.3396, 15.2286,
53.4450

■ 56.6929, 61.0331,
60.4228

■ 18.1324, 11.4612,
52.8868

■ 65.5946, 73.0514,
62.2734

■ 15.5820, 8.6202,
52.4729

■ 75.4369, 86.4497,
64.3408

■ 13.6361, 6.6193,
52.1892

■ 82.9719, 94.7207,
65.5401

■ 12.2334, 5.3550,
52.0191

■ 86.8504, 96.7202,
65.7216

■ 11.6001, 4.8422,
51.9535

Harmonies

Analogous

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



31.5965, 32.8013, 60.7957



35.3405, 32.8013, 56.0984



38.1329, 32.8013, 45.9126

Triad

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



35.3405, 32.8013, 56.0984



34.5592, 32.8013, 20.1567



24.4671, 32.8013, 36.9256

Complementary

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



35.3405, 32.8013, 56.0984



43.9175, 50.9929, 35.5463

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.



25.1224, 32.8013, 27.1516



35.3405, 32.8013, 56.0984



30.7605, 32.8013, 18.7001

Square

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



35.3405, 32.8013, 56.0984



37.6568, 32.8013, 25.4608



27.3534, 32.8013, 20.9853



25.4861, 32.8013, 48.4080

Rectangle

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



35.3405, 32.8013, 56.0984



38.9690, 32.8013, 38.2013



27.3534, 32.8013, 20.9853



24.4992, 32.8013, 33.3391

Sweetspot

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



35.3416, 32.8026, 56.0991



83.2365, 84.8794, 104.4661



38.7273, 43.5634, 57.9977



18.0525, 18.3553, 22.8414



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.



35.3416, 32.8026, 56.0991



57.9099, 51.8170, 99.4193



40.4046, 35.4128, 56.3361



9.8040, 9.8901, 12.6771



7.6141, 3.1856, 33.7702



0.4002, 0.1744, 1.4624

Inverse Universe

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



41.4371, 36.1194, 48.5052



70.8497, 58.8653, 82.9658



38.9981, 48.4568, 35.3161



10.3653, 10.1947, 12.0144



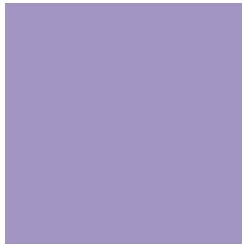
17.5969, 8.7285, 16.3210



0.7894, 0.3888, 0.8586

Previews

White Background



This preview shows how the XYZ color 35.3405, 32.8013, 56.0984 looks on a white background.

Color Contrast Check

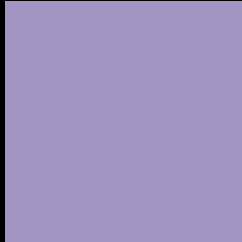
Large Text (above 18pt) WCAG AA × Fail

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 35.3405, 32.8013, 56.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

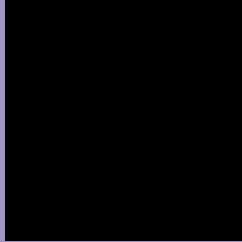
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3405, 32.8013, 56.0984

Background



This preview shows how black text looks on a background with the XYZ color 35.3405, 32.8013, 56.0984.



This preview shows how white text looks on a background with the XYZ color 35.3405, 32.8013,

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

35.3405, 32.8013, 56.0984

Protanopia

33.0277, 32.7456, 58.6126

Deuteranopia

33.5435, 32.8355, 55.6089



Tritanopia

32.1788, 32.7037, 40.6928

Trichromacy



Original Color

35.3405, 32.8013, 56.0984

Protanomaly

33.8373, 32.6945, 57.9533

Deuteranomaly

34.1306, 32.8983, 55.5901

Tritanomaly

33.3005, 32.6785, 46.1474

Monochromacy



Original Color

35.3405, 32.8013, 56.0984

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2044, 33.4224, 43.2292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3405, 32.8013, 56.0984 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(162, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 195)  
}
```

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(162, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.3405, 32.8013, 56.0984 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(162, 148, 195) }
```


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

```
.border{ border-color:rgb(162, 148, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3405, 32.8013, 56.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 195) }
```

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

```
.background{ background-color: rgb(162,  
148, 195) }
```

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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