

Converting Colors

XYZ(35.5157, 35.5989, 40.0279)

Have a look what the booklet for
XYZ(35.5157, 35.5989, 40.0279)
contains.

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Color

**XYZ(35.5053, 35.6801,
40.1376)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9EA4
RGB	170, 158, 164
RGB Percent	67%, 62%, 64%
CMY	0.3333, 0.3804, 0.3569
CMYK	0.00, 0.07, 0.04, 0.33
HSL	330°, 7%, 64%
HSV	330°, 7%, 67%
XYZ	35.5053, 35.6801, 40.1376
YIQ	162.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

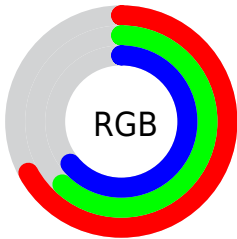
Format	Color
RYB	170, 158, 164
Decimal	11181732
CIELab	66.27, 5.47, -1.55
CIELCh	66, 5.682, 344.162
Yxy	35.6801, 0.3189, 0.3205
Android (android.graphics.Color)	4289371812 (0xFFAA9EA4)
YUV	162.2720, 0.8519, 6.7775
Hunter-Lab	59.7328, 1.5683, 1.9729

Details

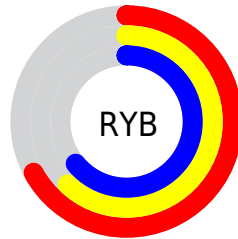
The XYZ color **35.5053, 35.6801, 40.1376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1775, 38.6999, 40.7397**, and the grayscale version is **34.4654, 36.2603, 39.4875**.

A 20% lighter version of the original color is **67.6318, 68.7105, 76.7157**, and **15.6535, 15.5368, 17.5031** is the 20% darker color. If you saturate the color by 10%, you get **32.0617, 29.9804, 35.3275**, and if you desaturate by 10%, it is **39.4034, 42.2057, 45.3534**.

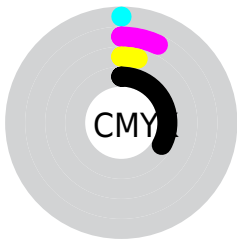
Distribution



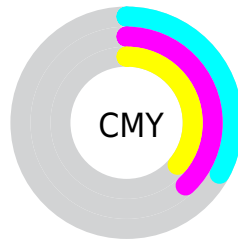
- Red (67%)
- Green (62%)
- Blue (64%)



- Red (67%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5053, 35.6801, 40.1376 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 35.5053, 35.6801, 40.1376 by changing the saturation by 10% instead.

■ 35.5053, 35.6801,
40.1376

■ 35.5053, 35.6801,
40.1376

318.2622,
327.5602, 362.2725

■ 24.2207, 24.1872,
27.3312

■ 67.5967, 68.5380,
76.6124

■ 15.6230, 15.4726,
17.5875

■ 89.1342, 90.6719,
101.1179

■ 9.3470, 9.1517,
10.4879

114.8201,
117.1215, 130.3602

■ 5.0271, 4.8403,
5.6138

145.0197,
148.2713, 164.7578

■ 2.2981, 2.1539,
2.5467

180.0983,
184.5057, 204.7293

■ 0.7937, 0.6947,
0.8648

220.4214,

■ 0.0000, 0.0000,

226.2090, 250.6933

0.0000

266.3542,
273.7657, 303.0681

■ 35.5053, 35.6801,
40.1376

■ 35.5053, 35.6801,
40.1376

■ 32.0617, 29.9804,
35.3275

■ 39.4034, 42.2057,
45.3534

■ 29.0522, 25.0689,
30.9101

■ 43.7694, 49.5837,
50.9827

■ 26.4593, 20.9117,
26.8748

■ 48.6199, 57.8455,
57.0362

■ 24.2631, 17.4706,
23.2099

■ 53.9696, 67.0190,
63.5234

■ 22.4420, 14.7043,
19.9027

■ 59.8327, 77.1313,
70.4533

■ 20.9721, 12.5668,
16.9396

■ 64.6054, 84.9732,
77.2958

■ 19.8269, 11.0068,
14.3061

■ 65.7268, 85.4218,
83.2013

■ 18.9754, 9.9644,
11.9857

■ 66.9059, 85.8934,
89.4102

■ 18.3722, 9.3508,
9.9570

■ 68.1434, 86.3884,
95.9270

Harmonies

Analogous

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



35.0612, 35.6801, 42.2956



35.5053, 35.6801, 40.1376



35.5180, 35.6801, 37.7186

Triad

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



35.5053, 35.6801, 40.1376



33.5156, 35.6801, 34.4967



32.7569, 35.6801, 42.1935

Complementary

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



35.5053, 35.6801, 40.1376



35.1775, 38.6999, 40.7397

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.



32.3568, 35.6801, 40.0029



35.5053, 35.6801, 40.1376



32.7899, 35.6801, 35.5960

Square

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



35.5053, 35.6801, 40.1376



34.3597, 35.6801, 34.5294



32.3688, 35.6801, 37.5894



33.4699, 35.6801, 43.5159

Rectangle

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



35.5053, 35.6801, 40.1376



35.2796, 35.6801, 36.2867



32.3688, 35.6801, 37.5894



32.5819, 35.6801, 41.5304

Sweetspot

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



35.5063, 35.6817, 40.1384



67.8672, 70.4926, 77.4836



34.7937, 35.2502, 43.0010



15.1523, 15.7497, 17.3028



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5063, 35.6817, 40.1384



63.7023, 63.5429, 71.8409



34.9773, 35.4700, 37.3525



7.6816, 7.6025, 8.6407



13.4284, 6.7801, 7.0675



0.3526, 0.1753, 0.3081

Inverse Universe

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



35.5063, 35.6817, 40.1384



63.7023, 63.5429, 71.8409



35.7321, 38.9217, 43.6602



7.6816, 7.6025, 8.6407



13.4284, 6.7801, 7.0675



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 35.5053, 35.6801, 40.1376 looks on a white background.

Color Contrast Check

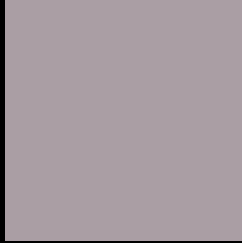
Large Text (above 18pt) WCAG AA × Fail

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 35.5053, 35.6801, 40.1376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

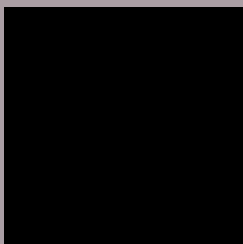
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

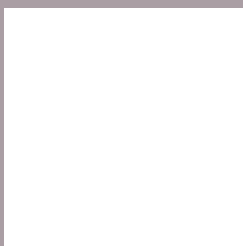
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5053, 35.6801, 40.1376

Background



This preview shows how black text looks on a background with the XYZ color 35.5053, 35.6801, 40.1376.



This preview shows how white text looks on a background with the XYZ color 35.5053, 35.6801,

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

35.5053, 35.6801, 40.1376

Protanopia

34.4666, 35.6448, 40.6609

Deuteranopia

36.2685, 35.5712, 40.0763



Tritanopia

36.0130, 35.6364, 42.5165

Trichromacy



Original Color

35.5053, 35.6801, 40.1376

Protanomaly

34.9156, 35.6199, 40.6324

Deuteranomaly

35.9914, 35.6785, 40.1117

Tritanomaly

35.8266, 35.5619, 41.5351

Monochromacy



Original Color

35.5053, 35.6801, 40.1376

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8728, 36.1334, 39.7868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5053, 35.6801, 40.1376 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(170, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 158, 164)  
}
```

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(170, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 158, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.5053, 35.6801, 40.1376 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(170, 158, 164) }
```


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

```
.border{ border-color:rgb(170, 158, 164) }
```

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

Here you see how a box with a 4 pixel rgb(170, 158, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 158,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5053, 35.6801, 40.1376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 158, 164) }
```

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

```
.background{ background-color: rgb(170,  
158, 164) }
```

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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