

Converting Colors

XYZ(40.3563, 36.0296, 65.4983)

Have a look what the booklet for
XYZ(40.3563, 36.0296, 65.4983)
contains.

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Color

**XYZ(40.5403, 36.2236,
65.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	AF98D2
RGB	175, 152, 210
RGB Percent	69%, 60%, 82%
CMY	0.3137, 0.4039, 0.1765
CMYK	0.17, 0.28, 0.00, 0.18
HSL	264°, 39%, 71%
HSV	264°, 28%, 82%
XYZ	40.5403, 36.2236, 65.8279
YIQ	165.4890, -4.9100, 22.9140

Conversions

Conversions Part 2

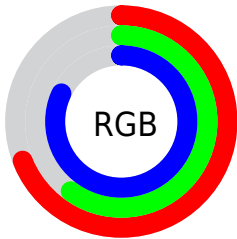
Format	Color
RYB	175, 152, 210
Decimal	11507922
CIELab	66.69, 19.95, -26.54
CIELCh	67, 33.205, 306.927
Yxy	36.2236, 0.2843, 0.2540
Android (android.graphics.Color)	4289698002 (0xFFAF98D2)
YUV	165.4890, 21.9439, 8.3411
Hunter-Lab	60.1860, 14.9090, -22.7176

Details

The XYZ color **40.5403, 36.2236, 65.8279** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.2088, 58.9259, 38.4876**, and the grayscale version is **35.8995, 37.7691, 41.1305**.

A 20% lighter version of the original color is **73.0763, 68.3515, 103.9494**, and **18.5961, 15.8115, 33.0821** is the 20% darker color. If you saturate the color by 10%, you get **34.7171, 28.6027, 64.6644**, and if you desaturate by 10%, it is **47.2363, 45.1919, 67.2066**.

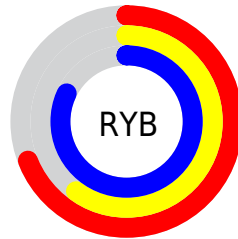
Distribution



Red (69%)

Green (60%)

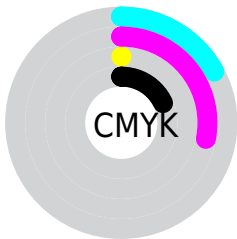
Blue (82%)



Red (69%)

Yellow (60%)

Blue (82%)

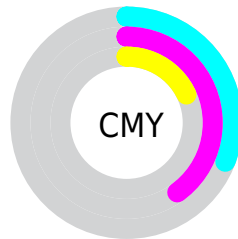


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5403, 36.2236, 65.8279 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 40.5403, 36.2236, 65.8279 by changing the saturation by 10% instead.

■ 40.5403, 36.2236,
65.8279

■ 40.5403, 36.2236,
65.8279

339.4911,
329.9368, 464.1485

■ 28.1461, 24.6069,
47.6771

■ 75.2647, 69.3770,
114.8639

■ 18.5769, 15.7845,
33.2131

■ 98.3256, 91.6826,
146.5863

■ 11.4671, 9.3718,
22.0173

125.6729,
118.3200, 183.6695

■ 6.4516, 4.9845,
13.6712

157.6718,
149.6734, 226.5322

■ 3.1648, 2.2381,
7.7562

194.6877,
186.1275, 275.5929

■ 1.2415, 0.7407,
3.8538

237.0860,

■ 0.1388, 0.0000,

228.0664, 331.2702

1.5455

285.2320,
275.8748, 393.9826

■ 0.0000, 0.0000,
0.2515

■ 0.0000, 0.0000,
0.0000

■ 40.5403, 36.2236,
65.8279

■ 40.5403, 36.2236,
65.8279

■ 34.7171, 28.6027,
64.6644

■ 47.2363, 45.1919,
67.2066

■ 29.7239, 22.2573,
63.7028

■ 54.8380, 55.5658,
68.8083

■ 25.5196, 17.1156,
62.9319

■ 63.3808, 67.4053,
70.6433

■ 22.0576, 13.0962,
62.3386

■ 72.8974, 80.7656,
72.7206

■ 19.2858, 10.1076,
61.9078

■ 82.7757, 94.4136,
74.8342

■ 17.1443, 8.0429,
61.6222

■ 87.1903, 96.6895,
75.0409

■ 15.5521, 6.7542,
61.4573

■ 88.6330, 97.4332,
75.1084

■ 15.2245, 6.5047,
61.4264

Harmonies

Analogous

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



35.6031, 36.2236, 73.6113



40.5403, 36.2236, 65.8279



44.0628, 36.2236, 51.2574

Triad

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



40.5403, 36.2236, 65.8279



38.3399, 36.2236, 19.1321



25.7333, 36.2236, 42.8592

Complementary

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



40.5403, 36.2236, 65.8279



49.2088, 58.9259, 38.4876

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.



26.3137, 36.2236, 29.5969



40.5403, 36.2236, 65.8279



33.2819, 36.2236, 17.9218

Square

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



40.5403, 36.2236, 65.8279



42.7089, 36.2236, 25.0931



28.9658, 36.2236, 21.2582



27.2958, 36.2236, 58.4232

Rectangle

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



40.5403, 36.2236, 65.8279



44.9598, 36.2236, 40.9372



28.9658, 36.2236, 21.2582



25.6868, 36.2236, 37.9823

Sweetspot

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



40.5415, 36.2251, 65.8287



84.4990, 85.4073, 106.6394



42.5164, 47.1966, 67.8423



17.6845, 17.7291, 22.7399



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.



40.5415, 36.2251, 65.8287



57.5465, 49.1575, 101.0631



47.5543, 39.8404, 66.1569



11.6009, 11.6431, 14.8796



9.3927, 4.0224, 37.4738



0.6135, 0.2704, 2.0994

Inverse Universe

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



46.7774, 39.7474, 52.2217



68.9100, 55.5833, 75.9449



42.9671, 55.7082, 38.1955



12.1040, 11.9263, 13.8235



18.5890, 9.3084, 13.2737



1.0779, 0.5359, 0.9450

Previews

White Background



This preview shows how the XYZ color 40.5403, 36.2236, 65.8279 looks on a white background.

Color Contrast Check

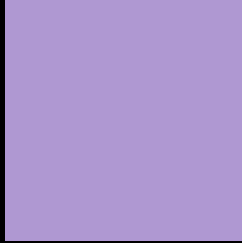
Large Text (above 18pt) WCAG AA × Fail

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 40.5403, 36.2236, 65.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

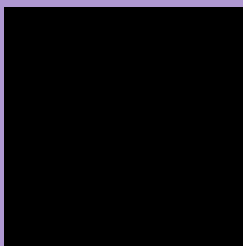
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5403, 36.2236, 65.8279

Background



This preview shows how black text looks on a background with the XYZ color 40.5403, 36.2236, 65.8279.



This preview shows how white text looks on a background with the XYZ color 40.5403, 36.2236,

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

40.5403, 36.2236, 65.8279

Protanopia

36.9981, 36.3025, 70.0228

Deuteranopia

37.2332, 36.2697, 65.3600



Tritanopia

36.2067, 36.2098, 44.1106

Trichromacy



Original Color

40.5403, 36.2236, 65.8279

Protanomaly

38.0992, 36.1371, 68.5854

Deuteranomaly

38.2974, 36.0618, 65.2637

Tritanomaly

37.5460, 35.9800, 51.4203

Monochromacy



Original Color

40.5403, 36.2236, 65.8279

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2735, 36.9128, 48.8764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5403, 36.2236, 65.8279 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(175, 152, 210)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 210)  
}
```

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(175, 152, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 210) }
```

Border

The CSS property to change the border of an element to XYZ 40.5403, 36.2236, 65.8279 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(175, 152, 210) }
```


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

```
.border{ border-color:rgb(175, 152, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 210);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5403, 36.2236, 65.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 210) }
```

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

```
.background{ background-color: rgb(175,  
152, 210) }
```

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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