

Converting Colors

XYZ(36.0408, 34.2419, 50.3906)

Have a look what the booklet for
XYZ(36.0408, 34.2419, 50.3906)
contains.

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Color

**XYZ(36.1336, 34.2841,
50.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	A898B9
RGB	168, 152, 185
RGB Percent	66%, 60%, 73%
CMY	0.3412, 0.4039, 0.2745
CMYK	0.09, 0.18, 0.00, 0.27
HSL	269°, 19%, 66%
HSV	269°, 18%, 73%
XYZ	36.1336, 34.2841, 50.6120
YIQ	160.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

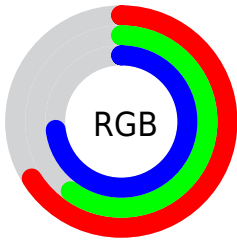
Format	Color
RYB	168, 152, 185
Decimal	11049145
CIELab	65.19, 12.26, -14.95
CIELCh	65, 19.336, 309.366
Yxy	34.2841, 0.2986, 0.2833
Android (android.graphics.Color)	4289239225 (0xFFA898B9)
YUV	160.5460, 12.0558, 6.5372
Hunter-Lab	58.5526, 7.6876, -10.2625

Details

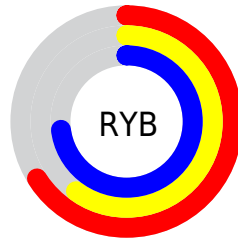
The XYZ color **36.1336, 34.2841, 50.6120** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.3800, 45.4009, 36.3952**, and the grayscale version is **33.6130, 35.3635, 38.5108**.

A 20% lighter version of the original color is **68.3799, 66.1815, 92.3894**, and **16.0210, 14.6863, 23.8201** is the 20% darker color. If you saturate the color by 10%, you get **31.4070, 27.7331, 49.5972**, and if you desaturate by 10%, it is **41.4794, 41.8514, 51.7914**.

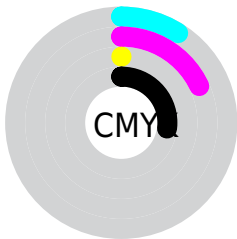
Distribution



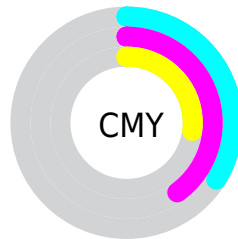
- Red (66%)
- Green (60%)
- Blue (73%)



- Red (66%)
- Yellow (60%)
- Blue (73%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1336, 34.2841, 50.6120 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 36.1336, 34.2841, 50.6120 by changing the saturation by 10% instead.

■ 36.1336, 34.2841,
50.6120

■ 36.1336, 34.2841,
50.6120

320.9652,
321.3970, 405.8579

■ 24.7080, 23.1119,
35.5253

■ 68.5607, 66.3752,
92.4866

■ 15.9872, 14.6762,
23.7810

■ 90.2930, 88.0630,
120.1116

■ 9.6059, 8.5924,
14.9606

116.1915,
114.0247, 152.7532

■ 5.1987, 4.4763,
8.6454

146.6216,
144.6448, 190.8298

■ 2.4003, 1.9434,
4.4170

181.9486,
180.3077, 234.7601

■ 0.8452, 0.5743,
1.8568

222.5380,

■ 0.0000, 0.0000,

221.3978, 284.9624

0.4650

268.7551,
268.2994, 341.8555

■ 0.0000, 0.0000,
0.0000

■ 36.1336, 34.2841,
50.6120

■ 36.1336, 34.2841,
50.6120

■ 31.4070, 27.7331,
49.5972

■ 41.4794, 41.8514,
51.7914

■ 27.2715, 22.1490,
48.7373

■ 47.4646, 50.4726,
53.1400

■ 23.7018, 17.4849,
48.0252

■ 54.1121, 60.1888,
54.6651

■ 20.6688, 13.6882,
47.4522

■ 61.4431, 71.0377,
56.3727

■ 18.1408, 10.7006,
47.0088

■ 69.4773, 83.0549,
58.2688

■ 16.0824, 8.4564,
46.6841

■ 75.6269, 91.0606,
59.4900

■ 14.4523, 6.8792,
46.4656

■ 78.6852, 92.6372,
59.6331

■ 13.1895, 5.8523,
46.3339

■ 81.9120, 94.3006,
59.7841

■ 12.9434, 5.6610,
46.3100

■ 85.3100, 96.0523,
59.9431

Harmonies

Analogous

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



33.4730, 34.2841, 54.7679



36.1336, 34.2841, 50.6120



37.9070, 34.2841, 43.0506

Triad

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



36.1336, 34.2841, 50.6120



34.5268, 34.2841, 24.6431



27.5417, 34.2841, 39.9043

Complementary

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



36.1336, 34.2841, 50.6120



39.3800, 45.4009, 36.3952

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.



27.7878, 34.2841, 32.1392



36.1336, 34.2841, 50.6120



31.7148, 34.2841, 24.0519

Square

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



36.1336, 34.2841, 50.6120



36.9429, 34.2841, 28.3520



29.2786, 34.2841, 26.6016



28.5859, 34.2841, 48.0265

Rectangle

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



36.1336, 34.2841, 50.6120



38.2912, 34.2841, 37.5009



29.2786, 34.2841, 26.6016



27.4777, 34.2841, 37.1588

Sweetspot

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



36.1346, 34.2855, 50.6128



77.1248, 79.0158, 93.3913



35.9044, 38.5740, 51.4527



16.4700, 16.8097, 20.0981



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.1346, 34.2855, 50.6128



61.6230, 57.0861, 89.9754



39.8613, 36.2067, 50.7872



8.9244, 8.9274, 11.3322



8.8967, 3.8976, 31.5365



0.3851, 0.1743, 1.1151

Inverse Universe

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



38.3985, 35.6369, 42.3927



66.4130, 59.9459, 72.5600



36.0698, 43.6944, 36.2403



9.1926, 9.0874, 10.3614



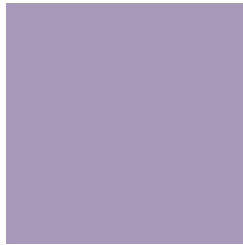
15.0764, 7.6043, 8.2893



0.5626, 0.2805, 0.4562

Previews

White Background



This preview shows how the XYZ color 36.1336, 34.2841, 50.6120 looks on a white background.

Color Contrast Check

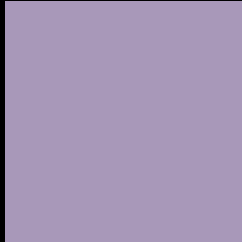
Large Text (above 18pt) WCAG AA × Fail

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 36.1336, 34.2841, 50.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

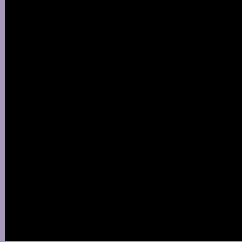
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1336, 34.2841, 50.6120

Background



This preview shows how black text looks on a background with the XYZ color 36.1336, 34.2841, 50.6120.



This preview shows how white text looks on a background with the XYZ color 36.1336, 34.2841,

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

36.1336, 34.2841, 50.6120

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

35.0105, 34.1911, 50.6532



Tritanopia

34.2134, 34.2320, 41.3634

Trichromacy



Original Color

36.1336, 34.2841, 50.6120

Protanomaly

34.7915, 34.2996, 51.8005

Deuteranomaly

35.4580, 34.1778, 50.6271

Tritanomaly

34.9215, 34.2742, 44.8194

Monochromacy



Original Color

36.1336, 34.2841, 50.6120

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7924, 35.2485, 43.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1336, 34.2841, 50.6120 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(168, 152, 185)` looks like.

```
.text, #text, p{  
    color:rgb(168, 152, 185)  
}
```

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(168, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 152, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.1336, 34.2841, 50.6120 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(168, 152, 185) }
```


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

```
.border{ border-color:rgb(168, 152, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(168, 152,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1336, 34.2841, 50.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 152, 185) }
```

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

```
.background{ background-color: rgb(168,  
152, 185) }
```

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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