

Converting Colors

XYZ(36.0793, 36.2221, 42.0505)

Have a look what the booklet for
XYZ(36.0793, 36.2221, 42.0505)
contains.

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Color

**XYZ(36.0436, 36.1695,
42.1275)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9FA8
RGB	170, 159, 168
RGB Percent	67%, 62%, 66%
CMY	0.3333, 0.3765, 0.3412
CMYK	0.00, 0.06, 0.01, 0.33
HSL	311°, 6%, 65%
HSV	311°, 6%, 67%
XYZ	36.0436, 36.1695, 42.1275
YIQ	163.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

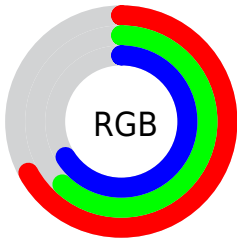
Format	Color
RYB	170, 159, 168
Decimal	11181992
CIELab	66.65, 5.66, -3.24
CIELCh	67, 6.523, 330.248
Yxy	36.1695, 0.3152, 0.3163
Android (android.graphics.Color)	4289372072 (0xFFAA9FA8)
YUV	163.3150, 2.3097, 5.8627
Hunter-Lab	60.1411, 1.7313, 0.5674

Details

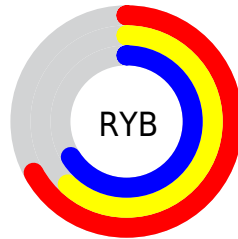
The XYZ color **36.0436, 36.1695, 42.1275** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1072, 38.6946, 39.3386**, and the grayscale version is **34.9507, 36.7709, 40.0435**.

A 20% lighter version of the original color is **68.4172, 69.4284, 79.6071**, and **15.9862, 15.8376, 18.7374** is the 20% darker color. If you saturate the color by 10%, you get **33.0347, 30.6067, 39.7206**, and if you desaturate by 10%, it is **39.4635, 42.5423, 44.7061**.

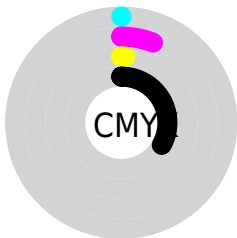
Distribution



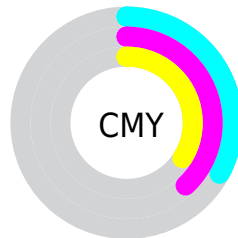
- Red (67%)
- Green (62%)
- Blue (66%)



- Red (67%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0436, 36.1695, 42.1275 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 36.0436, 36.1695, 42.1275 by changing the saturation by 10% instead.

■ 36.0436, 36.1695,
42.1275

■ 36.0436, 36.1695,
42.1275

320.5790,
329.7008, 370.8264

■ 24.6381, 24.5651,
28.8748

■ 68.4228, 69.2936,
79.6647

■ 15.9350, 15.7534,
18.7414

■ 90.1272, 91.5821,
104.7864

■ 9.5687, 9.3498,
11.3086

115.9954,
118.2008, 134.7014

■ 5.1740, 4.9700,
6.1581

146.3925,
149.5341, 169.8284

■ 2.3855, 2.2297,
2.8711

181.6841,
185.9663, 210.5858

■ 0.8379, 0.7361,
1.0292

222.2355,

■ 0.0000, 0.0000,

227.8819, 257.3923

0.0000

268.4120,
275.6653, 310.6663

■ 36.0436, 36.1695,
42.1275

■ 36.0436, 36.1695,
42.1275

■ 33.0347, 30.6067,
39.7206

■ 39.4635, 42.5423,
44.7061

■ 30.4173, 25.8165,
37.4774

■ 43.3067, 49.7512,
47.4593

■ 28.1750, 21.7658,
35.3925

■ 47.5889, 57.8269,
50.3931

■ 26.2890, 18.4169,
33.4594

■ 52.3239, 66.7972,
53.5124

■ 24.7388, 15.7290,
31.6712

■ 57.5251, 76.6885,
56.8217

■ 23.5020, 13.6571,
30.0200

■ 61.2595, 83.6349,
59.6770

■ 22.5530, 12.1505,
28.4972

■ 61.5932, 83.7683,
61.4339

■ 21.8624, 11.1504,
27.0926

■ 61.9340, 83.9046,
63.2285

■ 21.3895, 10.5751,
25.7925

■ 62.2820, 84.0438,
65.0610

Harmonies

Analogous

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



35.3380, 36.1695, 44.2412



36.0436, 36.1695, 42.1275



36.3011, 36.1695, 39.3590

Triad

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



36.0436, 36.1695, 42.1275



34.3698, 36.1695, 34.2183



32.7725, 36.1695, 42.1700

Complementary

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



36.0436, 36.1695, 42.1275



35.1072, 38.6946, 39.3386

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.



32.5241, 36.1695, 39.4059



36.0436, 36.1695, 42.1275



33.4356, 36.1695, 34.8931

Square

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



36.0436, 36.1695, 42.1275



35.3236, 36.1695, 34.8715



32.7646, 36.1695, 36.7593



33.4495, 36.1695, 44.2665

Rectangle

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



36.0436, 36.1695, 42.1275



36.1802, 36.1695, 37.5403



32.7646, 36.1695, 36.7593



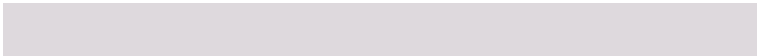
32.6367, 36.1695, 41.2839

Sweetspot

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



36.0446, 36.1711, 42.1283



68.0546, 70.5676, 78.4707



34.3198, 35.2602, 43.0278



15.1918, 15.7655, 17.5109



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.



36.0446, 36.1711, 42.1283



64.4319, 63.8347, 75.6828



35.5580, 35.9764, 39.5654



7.7825, 7.6429, 9.1719



15.6459, 7.6671, 18.7449



0.3955, 0.1925, 0.5340

Inverse Universe

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



36.0446, 36.1711, 42.1283



64.4319, 63.8347, 75.6828



35.5876, 38.8867, 41.8682



7.7825, 7.6429, 9.1719



15.6459, 7.6671, 18.7449



0.3955, 0.1925, 0.5340

Previews

White Background



This preview shows how the XYZ color 36.0436, 36.1695, 42.1275 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 36.0436, 36.1695, 42.1275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

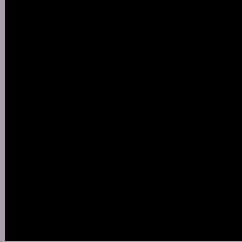
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0436, 36.1695, 42.1275

Background



This preview shows how black text looks on a background with the XYZ color 36.0436, 36.1695, 42.1275.



This preview shows how white text looks on a background with the XYZ color 36.0436, 36.1695,

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

36.0436, 36.1695, 42.1275

Protanopia

35.0106, 36.1408, 42.6667

Deuteranopia

36.8041, 36.0551, 42.0653



Tritanopia

36.3264, 36.2826, 43.6167

Trichromacy



Original Color

36.0436, 36.1695, 42.1275

Protanomaly

35.4581, 36.1132, 42.6378

Deuteranomaly

36.5283, 36.1651, 42.1011

Tritanomaly

36.2314, 36.2446, 43.1165

Monochromacy



Original Color

36.0436, 36.1695, 42.1275

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4377, 36.6643, 40.8065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0436, 36.1695, 42.1275 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, 159, 168)` looks like.

```
.text, #text, p{  
    color:rgb(170, 159, 168)  
}
```

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, 159, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 159, 168) }
```

Border

The CSS property to change the border of an element to XYZ 36.0436, 36.1695, 42.1275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

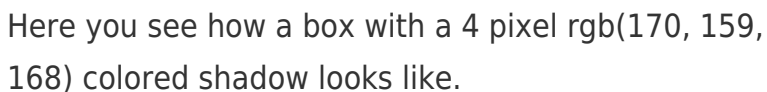
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 159, 168) }
```


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

```
.border{ border-color:rgb(170, 159, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 159, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 159, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 159, 168);  
box-shadow:4px 4px 4px 4px rgb(170, 159,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0436, 36.1695, 42.1275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 159, 168) }
```

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

```
.background{ background-color: rgb(170,  
159, 168) }
```

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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