

Converting Colors

XYZ(35.9981, 36.1095, 53.2865)

Have a look what the booklet for
XYZ(35.9981, 36.1095, 53.2865)
contains.

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Color

**XYZ(36.0542, 36.1867,
53.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA0BD
RGB	159, 160, 189
RGB Percent	62%, 63%, 74%
CMY	0.3765, 0.3725, 0.2588
CMYK	0.16, 0.15, 0.00, 0.26
HSL	238°, 19%, 68%
HSV	238°, 16%, 74%
XYZ	36.0542, 36.1867, 53.2286
YIQ	163.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

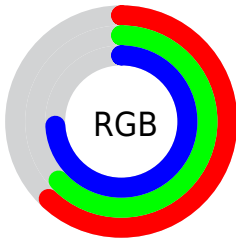
Format	Color
R _Y B	159, 160, 189
Decimal	10461373
CIE Lab	66.66, 5.64, -15.03
CIE LCh	67, 16.055, 290.573
Yxy	36.1867, 0.2874, 0.2884
Android (android.graphics.Color)	4288651453 (0xFF9FA0BD)
YUV	163.0070, 12.8145, -3.5141
Hunter-Lab	60.1554, 1.7123, -10.3541

Details

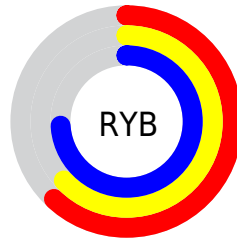
The XYZ color **36.0542, 36.1867, 53.2286** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2277, 49.2883, 39.9315**, and the grayscale version is **34.7618, 36.5721, 39.8270**.

A 20% lighter version of the original color is **68.5134, 69.4896, 96.1880**, and **15.9760, 15.8407, 25.5081** is the 20% darker color. If you saturate the color by 10%, you get **29.6514, 28.5257, 52.0879**, and if you desaturate by 10%, it is **43.4977, 45.0769, 54.5529**.

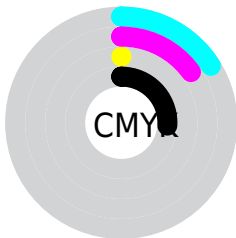
Distribution



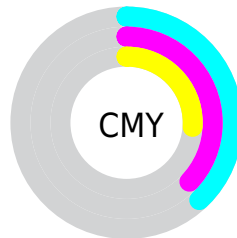
- Red (62%)
- Green (63%)
- Blue (74%)



- Red (62%)
- Yellow (63%)
- Blue (74%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0542, 36.1867, 53.2286 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 36.0542, 36.1867, 53.2286 by changing the saturation by 10% instead.

■ 36.0542, 36.1867,
53.2286

■ 36.0542, 36.1867,
53.2286

320.6245,
329.7758, 416.2527

■ 24.6464, 24.5784,
37.5963

■ 68.4390, 69.3201,
96.3856

■ 15.9411, 15.7632,
25.3701

■ 90.1467, 91.6141,
124.7474

■ 9.5731, 9.3568,
16.1315

116.0185,
118.2387, 158.1895

■ 5.1769, 4.9746,
9.4619

146.4195,
149.5784, 197.1304

■ 2.3873, 2.2324,
4.9428

181.7153,
186.0176, 241.9886

■ 0.8388, 0.7376,
2.1556

222.2712,

■ 0.0000, 0.0000,

227.9406, 293.1827

0.6486

268.4524,
275.7319, 351.1312

■ 0.0000, 0.0000,
0.0000

■ 36.0542, 36.1867,
53.2286

■ 36.0542, 36.1867,
53.2286

■ 29.6514, 28.5257,
52.0879

■ 43.4977, 45.0769,
54.5529

■ 24.2398, 22.0355,
51.1204

■ 52.0218, 55.2423,
56.0657

■ 19.7708, 16.6600,
50.3184

■ 61.6685, 66.7321,
57.7750

■ 16.1906, 12.3363,
49.6725

■ 72.4765, 79.5913,
59.6875

■ 13.4398, 8.9955,
49.1727

■ 84.4825, 93.8632,
61.8094

■ 11.4516, 6.5605,
48.8075

■ 86.1854, 96.4542,
62.2198

■ 10.1494, 4.9427,
48.5638

■ 9.4381, 4.0346,
48.4260

■ 9.2539, 3.8112,
48.3926

Harmonies

Analogous

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



33.6385, 36.1867, 54.0508



36.0542, 36.1867, 53.2286



38.1122, 36.1867, 48.4773

Triad

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



36.0542, 36.1867, 53.2286



37.4325, 36.1867, 29.9847



30.0086, 36.1867, 37.2602

Complementary

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



36.0542, 36.1867, 53.2286



45.2277, 49.2883, 39.9315

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.



30.9265, 36.1867, 31.5351



36.0542, 36.1867, 53.2286



35.1615, 36.1867, 27.6710

Square

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



36.0542, 36.1867, 53.2286



38.9335, 36.1867, 34.9048



32.7863, 36.1867, 28.2033



30.2225, 36.1867, 44.2680

Rectangle

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



36.0542, 36.1867, 53.2286



38.9681, 36.1867, 43.9980



32.7863, 36.1867, 28.2033



30.1933, 36.1867, 35.1362

Sweetspot

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



36.0553, 36.1882, 53.2294



79.0418, 82.0902, 97.9053



41.5196, 47.3761, 54.2516



16.7804, 17.3940, 21.0155



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.0553, 36.1882, 53.2294



60.4332, 59.8605, 94.5953



38.7074, 37.2986, 53.3040



9.0414, 9.2751, 11.9859



6.2375, 2.5867, 32.5634



0.2532, 0.1190, 1.2785

Inverse Universe

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



39.7305, 38.1540, 38.5299



68.2532, 64.0592, 63.3138



42.2479, 48.0710, 39.8536



9.5427, 9.5414, 9.9811



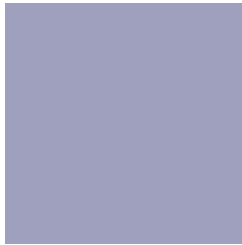
14.1492, 7.2908, 0.8132



0.5587, 0.2874, 0.0554

Previews

White Background



This preview shows how the XYZ color 36.0542, 36.1867, 53.2286 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 36.0542, 36.1867, 53.2286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

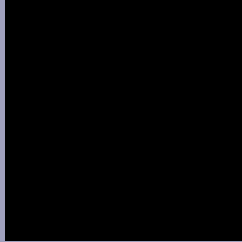
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0542, 36.1867, 53.2286

Background



This preview shows how black text looks on a background with the XYZ color 36.0542, 36.1867, 53.2286.



This preview shows how white text looks on a background with the XYZ color 36.0542, 36.1867,

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

36.0542, 36.1867, 53.2286

Protanopia

35.8348, 36.3320, 53.2682

Deuteranopia

36.9292, 36.1272, 53.1710



Tritanopia

34.5628, 36.1039, 45.7045

Trichromacy



Original Color

36.0542, 36.1867, 53.2286

Protanomaly

36.0307, 36.4330, 53.2774

Deuteranomaly

36.6877, 36.2569, 53.2087

Tritanomaly

35.0836, 36.0541, 48.2901

Monochromacy



Original Color

36.0542, 36.1867, 53.2286

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2670, 36.5006, 44.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0542, 36.1867, 53.2286 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(159, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 189)  
}
```

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(159, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 189) }
```

Border

The CSS property to change the border of an element to XYZ 36.0542, 36.1867, 53.2286 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(159, 160, 189) }
```


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

```
.border{ border-color:rgb(159, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0542, 36.1867, 53.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 189) }
```

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

```
.background{ background-color: rgb(159,  
160, 189) }
```

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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