

Converting Colors

XYZ(34.6665, 36.1229, 47.2648)

Have a look what the booklet for
XYZ(34.6665, 36.1229, 47.2648)
contains.

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Color

**XYZ(34.6665, 36.1229,
47.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA2B2
RGB	156, 162, 178
RGB Percent	61%, 64%, 70%
CMY	0.3882, 0.3647, 0.3020
CMYK	0.12, 0.09, 0.00, 0.30
HSL	224°, 12%, 65%
HSV	224°, 12%, 70%
XYZ	34.6665, 36.1229, 47.2648
YIQ	162.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

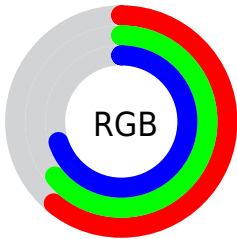
Format	Color
RYB	156, 161, 178
Decimal	10265266
CIELab	66.61, 1.15, -9.00
CIELCh	67, 9.069, 277.264
Yxy	36.1229, 0.2936, 0.3060
Android (android.graphics.Color)	4288455346 (0xFF9CA2B2)
YUV	162.0300, 7.8732, -5.2883
Hunter-Lab	60.1023, -2.2218, -4.5543

Details

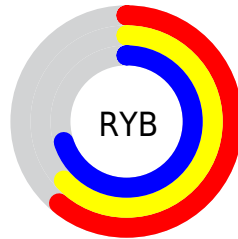
The XYZ color **34.6665, 36.1229, 47.2648** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1136, 41.3702, 37.3769**, and the grayscale version is **34.3248, 36.1123, 39.3263**.

A 20% lighter version of the original color is **66.5281, 69.4151, 87.7340**, and **15.1033, 15.6358, 21.6240** is the 20% darker color. If you saturate the color by 10%, you get **29.3075, 30.1487, 46.3947**, and if you desaturate by 10%, it is **40.7671, 42.8298, 48.2384**.

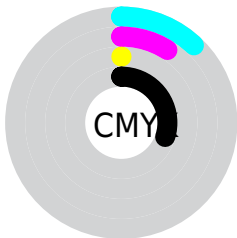
Distribution



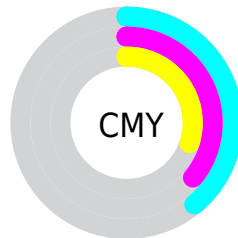
- Red (61%)
- Green (64%)
- Blue (70%)



- Red (61%)
- Yellow (63%)
- Blue (70%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6665, 36.1229, 47.2648 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 34.6665, 36.1229, 47.2648 by changing the saturation by 10% instead.

■ 34.6665, 36.1229,
47.2648

■ 34.6665, 36.1229,
47.2648

314.6277,
329.4974, 392.2948

■ 23.5714, 24.5291,
32.8892

■ 66.3062, 69.2217,
87.4629

■ 15.1390, 15.7266,
21.7712

■ 87.5816, 91.4956,
114.1224

■ 9.0039, 9.3309,
13.4921

112.9810,
118.0982, 145.7137

■ 4.8009, 4.9576,
7.6336

142.8700,
149.4140, 182.6552

■ 2.1645, 2.2224,
3.7770

177.6138,
185.8275, 225.3656

■ 0.7239, 0.7322,
1.5038

217.5777,

■ 0.0000, 0.0000,

227.7229, 274.2632

0.2208

263.1273,
275.4848, 329.7668

■ 0.0000, 0.0000,
0.0000

■ 34.6665, 36.1229,
47.2648

■ 34.6665, 36.1229,
47.2648

■ 29.3075, 30.1487,
46.3947

■ 40.7671, 42.8298,
48.2384

■ 24.6580, 24.8772,
45.6222

■ 47.6335, 50.2889,
49.3163

■ 20.6882, 20.2831,
44.9447

■ 55.2926, 58.5248,
50.5023

■ 17.3649, 16.3376,
44.3583

■ 63.7690, 67.5594,
51.7994

■ 14.6518, 13.0098,
43.8590

■ 73.0862, 77.4139,
53.2104

■ 12.5092, 10.2660,
43.4423

■ 80.3380, 86.5984,
54.6010

■ 10.8918, 8.0691,
43.1035

■ 84.2784, 94.4792,
55.9144

■ 9.7470, 6.3766,
42.8372

■ 85.0360, 95.9944,
56.1670

■ 9.1161, 5.3746,
42.6770

Harmonies

Analogous

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



33.3298, 36.1229, 46.6756



34.6665, 36.1229, 47.2648



35.9467, 36.1229, 45.6189

Triad

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



34.6665, 36.1229, 47.2648



36.4641, 36.1229, 34.9559



31.9707, 36.1229, 36.4990

Complementary

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



34.6665, 36.1229, 47.2648



39.1136, 41.3702, 37.3769

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.



32.7697, 36.1229, 33.6505



34.6665, 36.1229, 47.2648



35.3576, 36.1229, 32.8016

Square

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



34.6665, 36.1229, 47.2648



37.0022, 36.1229, 38.3894



34.0031, 36.1229, 32.3400



31.7967, 36.1229, 40.2893

Rectangle

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



34.6665, 36.1229, 47.2648



36.5880, 36.1229, 43.5358



34.0031, 36.1229, 32.3400



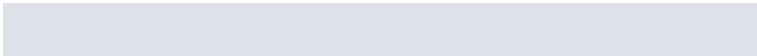
32.1741, 36.1229, 35.4073

Sweetspot

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



34.6676, 36.1244, 47.2656



71.9391, 75.4932, 87.1612



37.0554, 41.8790, 45.0434



15.7480, 16.5173, 19.2804



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.6676, 36.1244, 47.2656



59.9117, 62.2313, 85.2353



34.5760, 34.5449, 46.9655



8.2244, 8.5950, 10.7319



6.5686, 3.9376, 30.5508



0.2564, 0.2234, 0.9778

Inverse Universe

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



36.7710, 35.8513, 39.1661



64.5469, 61.6991, 67.3713



39.2070, 43.1526, 37.7161



8.5885, 8.5421, 9.3312



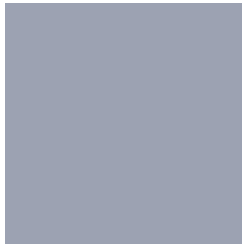
13.5502, 6.9376, 2.7913



0.4515, 0.2283, 0.2201

Previews

White Background



This preview shows how the XYZ color 34.6665, 36.1229, 47.2648 looks on a white background.

Color Contrast Check

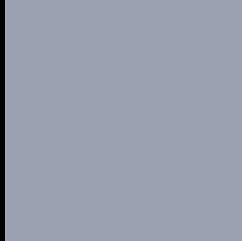
Large Text (above 18pt) WCAG AA × Fail

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 34.6665, 36.1229, 47.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

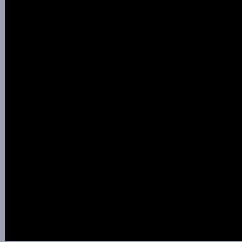
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6665, 36.1229, 47.2648

Background



This preview shows how black text looks on a background with the XYZ color 34.6665, 36.1229, 47.2648.

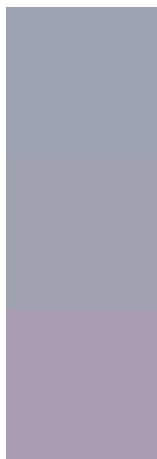


This preview shows how white text looks on a background with the XYZ color 34.6665, 36.1229,

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

34.6665, 36.1229, 47.2648

Protanopia

35.1779, 36.1376, 46.7162

Deuteranopia

36.7712, 35.9147, 47.6420



Tritanopia

34.3685, 36.0037, 45.6954

Trichromacy



Original Color

34.6665, 36.1229, 47.2648

Protanomaly

34.9788, 36.0350, 46.7068

Deuteranomaly

36.0519, 36.0503, 47.7061

Tritanomaly

34.4671, 36.0432, 46.2147

Monochromacy



Original Color

34.6665, 36.1229, 47.2648

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4854, 36.1414, 42.2042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6665, 36.1229, 47.2648 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(156, 162, 178)` looks like.

```
.text, #text, p{  
    color:rgb(156, 162, 178)  
}
```

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(156, 162, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 162, 178) }
```

Border

The CSS property to change the border of an element to XYZ 34.6665, 36.1229, 47.2648 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(156, 162, 178) }
```


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

```
.border{ border-color:rgb(156, 162, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 162, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 162, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 162, 178);  
box-shadow:4px 4px 4px 4px rgb(156, 162,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6665, 36.1229, 47.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 162, 178) }
```

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

```
.background{ background-color: rgb(156,  
162, 178) }
```

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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