

Converting Colors

XYZ(36.3546, 37.2925, 51.0917)

Have a look what the booklet for
XYZ(36.3546, 37.2925, 51.0917)
contains.

XYZ(36.3514, 37.1708, 51.1577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.3514, 37.1708,
51.1577)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A3B9
RGB	160, 163, 185
RGB Percent	63%, 64%, 73%
CMY	0.3725, 0.3608, 0.2745
CMYK	0.14, 0.12, 0.00, 0.27
HSL	233°, 15%, 68%
HSV	233°, 14%, 73%
XYZ	36.3514, 37.1708, 51.1577
YIQ	164.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

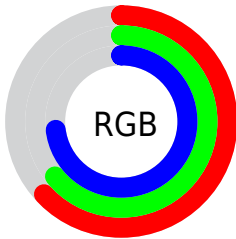
Format	Color
RYB	160, 163, 185
Decimal	10527673
CIELab	67.40, 3.43, -11.68
CIElCh	67, 12.174, 286.376
Yxy	37.1708, 0.2916, 0.2981
Android (android.graphics.Color)	4288717753 (0xFFA0A3B9)
YUV	164.6110, 10.0518, -4.0438
Hunter-Lab	60.9679, -0.2651, -7.0723

Details

The XYZ color **36.3514, 37.1708, 51.1577** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0809, 46.3081, 39.9263**, and the grayscale version is **35.5354, 37.3860, 40.7134**.

A 20% lighter version of the original color is **68.9729, 70.9408, 93.2768**, and **16.0336, 16.2230, 24.1161** is the 20% darker color. If you saturate the color by 10%, you get **30.2181, 29.9917, 50.0958**, and if you desaturate by 10%, it is **43.4093, 45.3808, 52.3710**.

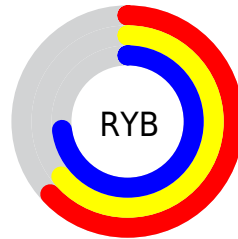
Distribution



Red (63%)

Green (64%)

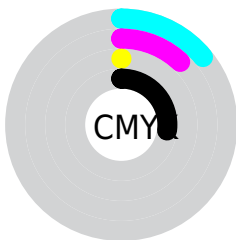
Blue (73%)



Red (63%)

Yellow (64%)

Blue (73%)

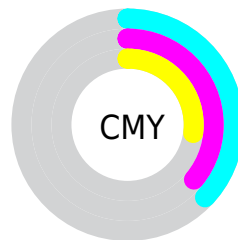


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3514, 37.1708, 51.1577 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 36.3514, 37.1708, 51.1577 by changing the saturation by 10% instead.

■ 36.3514, 37.1708,
51.1577

■ 36.3514, 37.1708,
51.1577

321.8984,
334.0494, 408.0402

■ 24.8771, 25.3398,
35.9565

■ 68.8944, 70.8354,
93.3017

■ 16.1137, 16.3304,
24.1112

■ 90.6938, 93.4377,
121.0817

■ 9.6960, 9.7582,
15.2032

116.6657,
120.3993, 153.8916

■ 5.2586, 5.2390,
8.8139

147.1753,
152.1045, 192.1501

■ 2.4361, 2.3881,
4.5248

182.5880,
188.9377, 236.2756

■ 0.8631, 0.8198,
1.9175

223.2691,

■ 0.0000, 0.0000,

231.2833, 286.6868

0.5038

269.5842,
279.5258, 343.8022

■ 0.0000, 0.0000,
0.0000

■ 36.3514, 37.1708,
51.1577

■ 36.3514, 37.1708,
51.1577

■ 30.2181, 29.9917,
50.0958

■ 43.4093, 45.3808,
52.3710

■ 24.9679, 23.7983,
49.1771

■ 51.4246, 54.6555,
53.7387

■ 20.5607, 18.5486,
48.3961

■ 60.4325, 65.0328,
55.2670

■ 16.9523, 14.1960,
47.7462

■ 70.4654, 76.5475,
56.9607

■ 14.0944, 10.6900,
47.2201

■ 81.5543, 89.2326,
58.8248

■ 11.9332, 7.9747,
46.8099

■ 85.7571, 96.2828,
59.9641

■ 10.4078, 5.9876,
46.5067

■ 9.4463, 4.6563,
46.3004

■ 9.0481, 4.0849,
46.2111

Harmonies

Analogous

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



34.4910, 37.1708, 51.3073



36.3514, 37.1708, 51.1577



37.9921, 37.1708, 47.9868

Triad

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



36.3514, 37.1708, 51.1577



37.8643, 37.1708, 33.4783



31.9550, 37.1708, 38.0994

Complementary

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



36.3514, 37.1708, 51.1577



43.0809, 46.3081, 39.9263

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.



32.7947, 37.1708, 33.7870



36.3514, 37.1708, 51.1577



36.1819, 37.1708, 31.2820

Square

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



36.3514, 37.1708, 51.1577



38.8864, 37.1708, 37.6431



34.3274, 37.1708, 31.3898



31.9968, 37.1708, 43.4406

Rectangle

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



36.3514, 37.1708, 51.1577



38.7213, 37.1708, 44.7332



34.3274, 37.1708, 31.3898



32.1423, 37.1708, 36.4917

Sweetspot

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



36.3525, 37.1723, 51.1585



77.0024, 80.4143, 93.6677



40.2560, 45.5358, 50.7438



16.3846, 17.0855, 20.1559



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.



36.3525, 37.1723, 51.1585



61.9248, 62.8594, 91.0739



37.7265, 37.0987, 51.0719



8.6057, 8.8886, 11.3415



6.1902, 2.8400, 31.4750



0.2468, 0.1572, 1.1191

Inverse Universe

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



39.1902, 38.1012, 39.9408



67.9362, 64.8625, 67.3019



41.5616, 46.4473, 40.0333



9.0473, 9.0293, 9.5966



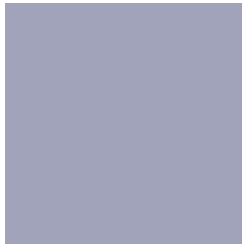
13.7382, 7.0690, 1.2422



0.4987, 0.2550, 0.1197

Previews

White Background



This preview shows how the XYZ color 36.3514, 37.1708, 51.1577 looks on a white background.

Color Contrast Check

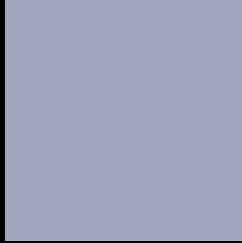
Large Text (above 18pt) WCAG AA × Fail

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 36.3514, 37.1708, 51.1577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

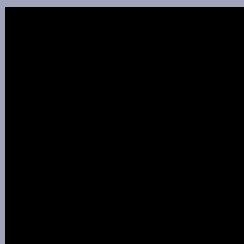
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

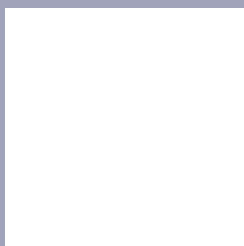
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3514, 37.1708, 51.1577

Background



This preview shows how black text looks on a background with the XYZ color 36.3514, 37.1708, 51.1577.



This preview shows how white text looks on a background with the XYZ color 36.3514, 37.1708,

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

36.3514, 37.1708, 51.1577

Protanopia

36.5521, 37.2742, 51.1671

Deuteranopia

38.0113, 37.2328, 51.6376



Tritanopia

35.5093, 37.0962, 46.8837

Trichromacy



Original Color

36.3514, 37.1708, 51.1577

Protanomaly

36.5521, 37.2742, 51.1671

Deuteranomaly

37.3337, 37.1419, 51.6558

Tritanomaly

35.8118, 37.2171, 48.4762

Monochromacy



Original Color

36.3514, 37.1708, 51.1577

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8261, 37.3160, 44.3442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3514, 37.1708, 51.1577 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(160, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(160, 163, 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(160, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 163, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.3514, 37.1708, 51.1577 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(160, 163, 185) }
```


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

```
.border{ border-color:rgb(160, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(160, 163,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3514, 37.1708, 51.1577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 163, 185) }
```

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

```
.background{ background-color: rgb(160,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor