

Converting Colors

XYZ(33.1802, 34.1436, 55.2937)

Have a look what the booklet for
XYZ(33.1802, 34.1436, 55.2937)
contains.

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Color

**XYZ(33.1802, 34.1436,
55.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9EC1
RGB	143, 158, 193
RGB Percent	56%, 62%, 76%
CMY	0.4392, 0.3804, 0.2431
CMYK	0.26, 0.18, 0.00, 0.24
HSL	222°, 29%, 66%
HSV	222°, 26%, 76%
XYZ	33.1802, 34.1436, 55.2937
YIQ	157.5050, -20.1750, 7.7050

Conversions

Conversions Part 2

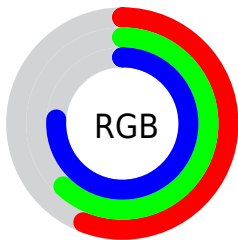
Format	Color
R_{YB}	143, 155, 193
Decimal	9412289
CIE _{Lab}	65.08, 2.59, -19.78
CIE _{LCh}	65, 19.946, 277.469
Yxy	34.1436, 0.2706, 0.2785
Android (android.graphics.Color)	4287602369 (0xFF8F9EC1)
YUV	157.5050, 17.4990, -12.7209
Hunter-Lab	58.4325, -0.8979, -15.2023

Details

The XYZ color **33.1802, 34.1436, 55.2937** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8712, 45.1618, 32.4451**, and the grayscale version is **32.2063, 33.8835, 36.8991**.

A 20% lighter version of the original color is **64.0755, 66.3609, 99.8743**, and **14.3315, 14.6548, 26.4994** is the 20% darker color. If you saturate the color by 10%, you get **27.9432, 28.2096, 54.4249**, and if you desaturate by 10%, it is **39.2476, 40.8833, 56.2754**.

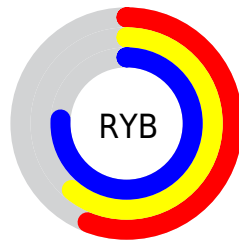
Distribution



Red (56%)

Green (62%)

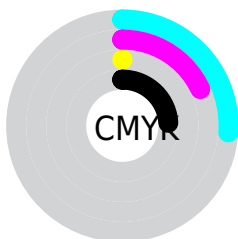
Blue (76%)



Red (56%)

Yellow (61%)

Blue (76%)

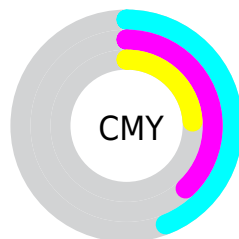


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1802, 34.1436, 55.2937 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 33.1802, 34.1436, 55.2937 by changing the saturation by 10% instead.

■ 33.1802, 34.1436,
55.2937

■ 33.1802, 34.1436,
55.2937

308.1116,
320.7719, 424.3376

■ 22.4244, 23.0039,
39.2367

■ 64.0096, 66.1569,
99.4466

■ 14.2874, 14.5964,
26.6347

■ 84.8139, 87.7994,
128.3796

■ 8.4039, 8.5366,
17.0690

109.6984,
113.7115, 162.4417

■ 4.4084, 4.4402,
10.1213

139.0284,
144.2778, 202.0515

■ 1.9357, 1.9227,
5.3728

173.1694,
179.8826, 247.6274

■ 0.5975, 0.5620,
2.4051

212.4867,

■ 0.0000, 0.0000,

220.9102, 299.5880

0.7892

257.3457,
267.7452, 358.3519

■ 0.0000, 0.0000,
0.0000

■ 33.1802, 34.1436,
55.2937

■ 33.1802, 34.1436,
55.2937

■ 27.9432, 28.2096,
54.4249

■ 39.2476, 40.8833,
56.2754

■ 23.4956, 23.0458,
53.6626

■ 46.1771, 48.4544,
57.3715

■ 19.7980, 18.6198,
53.0032

■ 54.0030, 56.8862,
58.5866

■ 16.8060, 14.8952,
52.4420

■ 62.7563, 66.2055,
59.9240

■ 14.4699, 11.8322,
51.9739

■ 72.4669, 76.4377,
61.3872

■ 12.7332, 9.3862,
51.5933

■ 81.7501, 86.8790,
62.9133

■ 11.5264, 7.5048,
51.2937

■ 85.8556, 95.0901,
64.2818

■ 11.1340, 6.8668,
51.1913

■ 86.6258, 96.6303,
64.5385

Harmonies

Analogous

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



30.3694, 34.1436, 53.8988



33.1802, 34.1436, 55.2937



35.9516, 34.1436, 51.2920

Triad

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



33.1802, 34.1436, 55.2937



37.0656, 34.1436, 28.3113



27.5856, 34.1436, 31.4059

Complementary

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



33.1802, 34.1436, 55.2937



42.8712, 45.1618, 32.4451

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.



29.1881, 34.1436, 25.9221



33.1802, 34.1436, 55.2937



34.6286, 34.1436, 24.3292

Square

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



33.1802, 34.1436, 55.2937



38.2799, 34.1436, 35.1459



31.7355, 34.1436, 23.5244



27.2487, 34.1436, 39.2840

Rectangle

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



33.1802, 34.1436, 55.2937



37.3665, 34.1436, 46.4080



31.7355, 34.1436, 23.5244



27.9893, 34.1436, 29.2585

Sweetspot

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



33.1813, 34.1450, 55.2945



79.8117, 83.6404, 102.2980



38.3509, 47.1613, 48.7646



16.7075, 17.4919, 21.8810



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.1813, 34.1450, 55.2945



54.0140, 55.0480, 98.1388



32.4291, 30.1877, 54.5703



9.7692, 10.2297, 12.7445



7.4673, 4.6911, 34.0685



0.3846, 0.3266, 1.4926

Inverse Universe

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



37.9872, 33.4520, 36.8039



64.1499, 53.9456, 59.0613



43.7559, 50.2936, 33.3890



10.1948, 10.1265, 11.1163



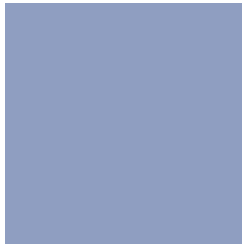
15.1651, 7.7558, 3.5156



0.6865, 0.3476, 0.3165

Previews

White Background



This preview shows how the XYZ color 33.1802, 34.1436, 55.2937 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 33.1802, 34.1436, 55.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

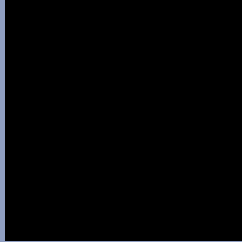
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1802, 34.1436, 55.2937

Background



This preview shows how black text looks on a background with the XYZ color 33.1802, 34.1436, 55.2937.

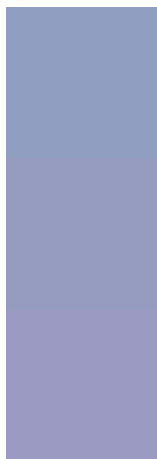


This preview shows how white text looks on a background with the XYZ color 33.1802, 34.1436,

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

33.1802, 34.1436, 55.2937

Protanopia

33.9806, 34.0667, 54.6537

Deuteranopia

34.8108, 33.9748, 55.7620



Tritanopia

31.0323, 34.0347, 44.9782

Trichromacy



Original Color

33.1802, 34.1436, 55.2937

Protanomaly

33.6040, 34.1228, 54.6844

Deuteranomaly

34.2214, 33.9170, 55.7819

Tritanomaly

31.7265, 34.0533, 48.6168

Monochromacy



Original Color

33.1802, 34.1436, 55.2937

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7144, 34.1663, 43.3986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1802, 34.1436, 55.2937 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(143, 158, 193)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 193)  
}
```

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(143, 158, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 193) }
```

Border

The CSS property to change the border of an element to XYZ 33.1802, 34.1436, 55.2937 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(143, 158, 193) }
```


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

```
.border{ border-color:rgb(143, 158, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 193);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1802, 34.1436, 55.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 193) }
```

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

```
.background{ background-color: rgb(143,  
158, 193) }
```

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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