

Converting Colors

XYZ(34.1801, 31.7902, 53.6220)

Have a look what the booklet for
XYZ(34.1801, 31.7902, 53.6220)
contains.

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Color

**XYZ(34.1801, 31.7929,
53.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	A092BF
RGB	160, 146, 191
RGB Percent	63%, 57%, 75%
CMY	0.3725, 0.4274, 0.2510
CMYK	0.16, 0.24, 0.00, 0.25
HSL	259°, 26%, 66%
HSV	259°, 24%, 75%
XYZ	34.1801, 31.7929, 53.6254
YIQ	155.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

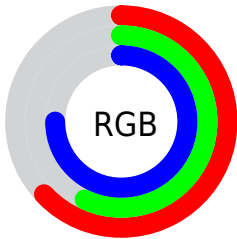
Format	Color
R_{YB}	160, 146, 191
Decimal	10523327
CIE _{Lab}	63.17, 14.31, -21.44
CIE _{LCh}	63, 25.775, 303.713
Yxy	31.7929, 0.2858, 0.2658
Android (android.graphics.Color)	4288713407 (0xFFA092BF)
YUV	155.3160, 17.5922, 4.1079
Hunter-Lab	56.3852, 9.5307, -16.9184

Details

The XYZ color **34.1801, 31.7929, 53.6254** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9515, 48.6848, 34.3815**, and the grayscale version is **31.2229, 32.8489, 35.7725**.

A 20% lighter version of the original color is **65.4671, 62.4710, 96.6033**, and **14.7919, 13.1787, 25.4310** is the 20% darker color. If you saturate the color by 10%, you get **28.9857, 25.1040, 52.6086**, and if you desaturate by 10%, it is **40.1469, 39.6117, 54.8206**.

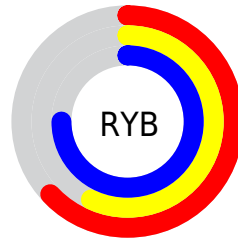
Distribution



Red (63%)

Green (57%)

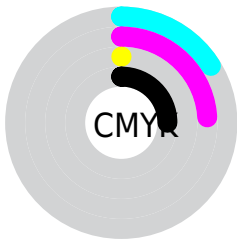
Blue (75%)



Red (63%)

Yellow (57%)

Blue (75%)

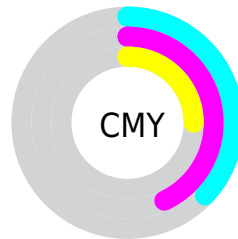


Cyan (16%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1801, 31.7929, 53.6254 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 34.1801, 31.7929, 53.6254 by changing the saturation by 10% instead.

■ 34.1801, 31.7929,
53.6254

■ 34.1801, 31.7929,
53.6254

312.5062,
310.1748, 417.8141

■ 23.1955, 21.2034,
37.9111

■ 65.5561, 62.4863,
96.9749

■ 14.8594, 13.2727,
25.6124

■ 86.6782, 83.3589,
125.4471

■ 8.8065, 7.6166,
16.3108

111.9102,
108.4280, 159.0091

■ 4.6713, 3.8506,
9.5876

141.6175,
138.0780, 198.0794

■ 2.0885, 1.5904,
5.0244

176.1653,
172.6933, 243.0765

■ 0.6829, 0.3511,
2.2026

215.9192,

■ 0.0000, 0.0000,

212.6583, 294.4189

0.6759

261.2443,
258.3573, 352.5253

■ 0.0000, 0.0000,
0.0000

■ 34.1801, 31.7929,
53.6254

■ 34.1801, 31.7929,
53.6254

■ 28.9857, 25.1040,
52.6086

■ 40.1469, 39.6117,
54.8206

■ 24.5275, 19.4879,
51.7595

■ 46.9139, 48.6062,
56.2001

■ 20.7710, 14.8880,
51.0697

■ 54.5115, 58.8243,
57.7719

■ 17.6775, 11.2412,
50.5288

■ 62.9672, 70.3103,
59.5433

■ 15.2042, 8.4770,
50.1256

■ 72.3075, 83.1060,
61.5208

■ 13.3027, 6.5145,
49.8471

■ 80.7438, 93.6236,
63.1063

■ 11.9159, 5.2572,
49.6775

■ 85.3480, 95.9972,
63.3218

■ 11.2328, 4.7044,
49.6068

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



30.6637, 31.7929, 58.1046



34.1801, 31.7929, 53.6254



36.7824, 31.7929, 44.0482

Triad

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



34.1801, 31.7929, 53.6254



33.3532, 31.7929, 19.8439



23.8875, 31.7929, 35.9024

Complementary

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



34.1801, 31.7929, 53.6254



41.9515, 48.6848, 34.3815

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.



24.4855, 31.7929, 26.6384



34.1801, 31.7929, 53.6254



29.7770, 31.7929, 18.5042

Square

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



34.1801, 31.7929, 53.6254



36.2792, 31.7929, 24.8339



26.5749, 31.7929, 20.7330



24.8729, 31.7929, 46.6815

Rectangle

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



34.1801, 31.7929, 53.6254



37.5479, 31.7929, 36.8094



26.5749, 31.7929, 20.7330



23.9104, 31.7929, 32.5136

Sweetspot

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



34.1811, 31.7942, 53.6261



79.5498, 81.0845, 99.7373



37.0801, 41.5157, 55.3498



17.3038, 17.5864, 21.8678



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.



34.1811, 31.7942, 53.6261



56.5043, 50.8441, 95.1149



38.9752, 34.2656, 53.8505



9.2883, 9.3655, 11.9904



7.4558, 3.1297, 32.6040



0.3612, 0.1583, 1.2804

Inverse Universe

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



39.7015, 34.8097, 46.2224



68.1205, 57.1955, 79.2597



37.3377, 46.3063, 34.1655



9.8002, 9.6444, 11.3366



16.8759, 8.3815, 15.1721



0.6892, 0.3396, 0.7426

Previews

White Background



This preview shows how the XYZ color 34.1801, 31.7929, 53.6254 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 34.1801, 31.7929, 53.6254 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 34.1801, 31.7929, 53.6254

Background



This preview shows how black text looks on a background with the XYZ color 34.1801, 31.7929, 53.6254.



This preview shows how white text looks on a background with the XYZ color 34.1801, 31.7929,

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

34.1801, 31.7929, 53.6254

Protanopia

32.0723, 31.8241, 56.0820

Deuteranopia

32.5950, 31.9200, 53.1584



Tritanopia

31.1950, 31.7461, 39.1338

Trichromacy



Original Color

34.1801, 31.7929, 53.6254

Protanomaly

32.8795, 31.7795, 55.4401

Deuteranomaly

33.1786, 31.9849, 53.1402

Tritanomaly

32.1949, 31.6801, 43.9532

Monochromacy



Original Color

34.1801, 31.7929, 53.6254

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.2007, 32.4517, 41.6124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1801, 31.7929, 53.6254 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, 146, 191)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 191)  
}
```

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, 146, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 191) }
```

Border

The CSS property to change the border of an element to XYZ 34.1801, 31.7929, 53.6254 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, 146, 191) }
```


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

```
.border{ border-color:rgb(160, 146, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 191);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1801, 31.7929, 53.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 191) }
```

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

```
.background{ background-color: rgb(160,  
146, 191) }
```

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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