

Converting Colors

XYZ(30.2342, 31.5608, 36.7350)

Have a look what the booklet for
XYZ(30.2342, 31.5608, 36.7350)
contains.

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Color

**XYZ(30.1623, 31.5044,
36.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	97989E
RGB	151, 152, 158
RGB Percent	59%, 60%, 62%
CMY	0.4078, 0.4039, 0.3804
CMYK	0.04, 0.04, 0.00, 0.38
HSL	231°, 3%, 61%
HSV	231°, 4%, 62%
XYZ	30.1623, 31.5044, 36.8390
YIQ	152.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

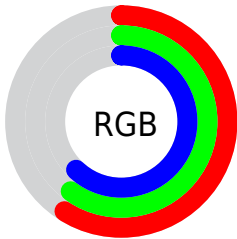
Format	Color
R_{YB}	151, 152, 158
Decimal	9935006
CIE Lab	62.93, 0.82, -3.27
CIE LCh	63, 3.377, 284.139
Yxy	31.5044, 0.3062, 0.3198
Android (android.graphics.Color)	4288125086 (0xFF97989E)
YUV	152.3850, 2.7682, -1.2146
Hunter-Lab	56.1288, -2.3036, 0.3763

Details

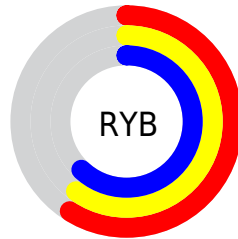
The XYZ color **30.1623, 31.5044, 36.8390** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7435, 33.6171, 34.0944**, and the grayscale version is **30.0013, 31.5637, 34.3729**.

A 20% lighter version of the original color is **59.2584, 61.9258, 71.7804**, and **12.5631, 13.0782, 15.7721** is the 20% darker color. If you saturate the color by 10%, you get **25.3512, 25.9472, 36.0204**, and if you desaturate by 10%, it is **35.6190, 37.7684, 37.7610**.

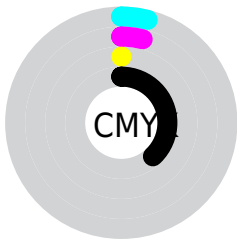
Distribution



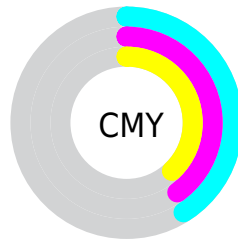
- Red (59%)
- Green (60%)
- Blue (62%)



- Red (59%)
- Yellow (60%)
- Blue (62%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1623, 31.5044, 36.8390 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 30.1623, 31.5044, 36.8390 by changing the saturation by 10% instead.

■ 30.1623, 31.5044,
36.8390

■ 30.1623, 31.5044,
36.8390

294.5565,
308.8554, 347.7606

■ 20.1105, 20.9832,
24.7881

■ 59.3036, 62.0333,
71.5087

■ 12.5841, 13.1117,
15.7016

■ 79.1238, 82.8099,
94.9644

■ 7.2178, 7.5055,
9.1612

102.9309,
107.7737, 123.0589

■ 3.6462, 3.7802,
4.7482

131.0902,
137.3092, 156.2106

■ 1.5040, 1.5514,
2.0442

163.9670,
171.8007, 194.8381

■ 0.3286, 0.3245,
0.5822

201.9268,

■ 0.0000, 0.0000,

211.6326, 239.3599

0.0000

245.3348,
257.1894, 290.1946

■ 30.1623, 31.5044,
36.8390

■ 30.1623, 31.5044,
36.8390

■ 25.3512, 25.9472,
36.0204

■ 35.6190, 37.7684,
37.7610

■ 21.1591, 21.0682,
35.2996

■ 41.7413, 44.7589,
38.7876

■ 17.5615, 16.8423,
34.6735

■ 48.5516, 52.4996,
39.9227

■ 14.5313, 13.2416,
34.1383

■ 56.0705, 61.0119,
41.1695

■ 12.0391, 10.2362,
33.6895

■ 64.3176, 70.3165,
42.5308

■ 10.0529, 7.7935,
33.3227

■ 73.3120, 80.4332,
44.0095

■ 8.5374, 5.8780,
33.0328

■ 80.6010, 90.1074,
45.4926

■ 7.4524, 4.4496,
32.8143

■ 83.1716, 95.2487,
46.3495

■ 6.7503, 3.4624,
32.6608

Harmonies

Analogous

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



29.7010, 31.5044, 36.8182



30.1623, 31.5044, 36.8390



30.5692, 31.5044, 36.1682

Triad

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



30.1623, 31.5044, 36.8390



30.5884, 31.5044, 32.5553



29.0945, 31.5044, 33.6098

Complementary

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



30.1623, 31.5044, 36.8390



31.7435, 33.6171, 34.0944

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.



29.3274, 31.5044, 32.5029



30.1623, 31.5044, 36.8390



30.1883, 31.5044, 31.9049

Square

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



30.1623, 31.5044, 36.8390



30.8169, 31.5044, 33.6830



29.7267, 31.5044, 31.8860



29.0877, 31.5044, 34.9304

Rectangle

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



30.1623, 31.5044, 36.8390



30.7534, 31.5044, 35.4288



29.7267, 31.5044, 31.8860



29.1489, 31.5044, 33.2012

Sweetspot

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



30.1632, 31.5057, 36.8397



58.0212, 60.9465, 67.4493



31.0714, 33.4662, 36.6984



13.0939, 13.7553, 15.2086



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.1632, 31.5057, 36.8397



54.1563, 56.5004, 66.7948



30.4607, 31.4186, 36.8072



6.7760, 7.0636, 8.4130



5.2009, 2.4934, 26.1144



0.1122, 0.0829, 0.4733

Inverse Universe

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



30.8354, 31.6700, 34.1950



55.5553, 56.8444, 61.2897



31.4367, 33.7117, 34.1288



6.9675, 7.1109, 7.6594



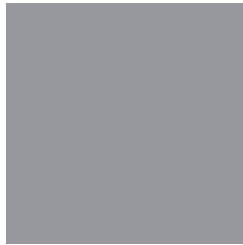
11.4234, 5.8739, 1.2147



0.2139, 0.1089, 0.0727

Previews

White Background



This preview shows how the XYZ color 30.1623, 31.5044, 36.8390 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 30.1623, 31.5044, 36.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

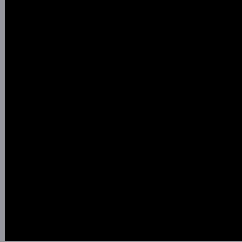
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

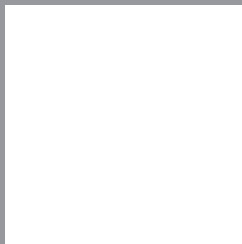
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1623, 31.5044, 36.8390

Background



This preview shows how black text looks on a background with the XYZ color 30.1623, 31.5044, 36.8390.



This preview shows how white text looks on a background with the XYZ color 30.1623, 31.5044,

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

30.1623, 31.5044, 36.8390

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

32.1578, 31.5755, 37.2007



Tritanopia

30.6264, 31.4530, 39.1072

Trichromacy



Original Color

30.1623, 31.5044, 36.8390

Protanomaly

30.1871, 31.2772, 36.7938

Deuteranomaly

31.3035, 31.3690, 37.2058

Tritanomaly

30.4485, 31.3818, 38.1707

Monochromacy



Original Color

30.1623, 31.5044, 36.8390

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0099, 31.4650, 35.0635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1623, 31.5044, 36.8390 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(151, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 158)  
}
```

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(151, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.1623, 31.5044, 36.8390 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(151, 152, 158) }
```


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

```
.border{ border-color:rgb(151, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1623, 31.5044, 36.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 158) }
```

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

```
.background{ background-color: rgb(151,  
152, 158) }
```

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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