

Converting Colors

XYZ(30.5128, 31.4554, 35.0812)

Have a look what the booklet for
XYZ(30.5128, 31.4554, 35.0812)
contains.

XYZ(30.6096, 31.5342, 35.0453)	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(30.6096, 31.5342,
35.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	9C979A
RGB	156, 151, 154
RGB Percent	61%, 59%, 60%
CMY	0.3882, 0.4078, 0.3961
CMYK	0.00, 0.03, 0.01, 0.39
HSL	324°, 2%, 60%
HSV	324°, 3%, 61%
XYZ	30.6096, 31.5342, 35.0453
YIQ	152.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

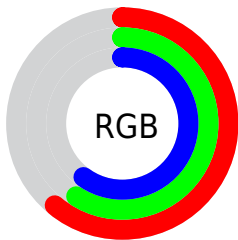
Format	Color
R_{YB}	156, 151, 154
Decimal	10262426
CIE Lab	62.96, 2.40, -0.93
CIE LCh	63, 2.570, 338.742
Yxy	31.5342, 0.3149, 0.3245
Android (android.graphics.Color)	4288452506 (0xFF9C979A)
YUV	152.8370, 0.5734, 2.7740
Hunter-Lab	56.1553, -0.9736, 2.3071

Details

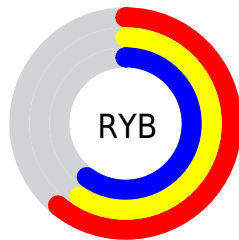
The XYZ color **30.6096, 31.5342, 35.0453** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4018, 32.6569, 34.8395**, and the grayscale version is **30.2051, 31.7781, 34.6064**.

A 20% lighter version of the original color is **59.7948, 61.9183, 68.4744**, and **12.8311, 13.0969, 14.6836** is the 20% darker color. If you saturate the color by 10%, you get **27.7571, 26.6393, 31.5959**, and if you desaturate by 10%, it is **33.8232, 37.1071, 38.7493**.

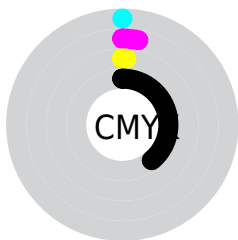
Distribution



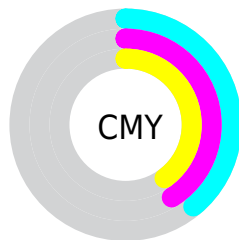
- Red (61%)
- Green (59%)
- Blue (60%)



- Red (61%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6096, 31.5342, 35.0453 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 30.6096, 31.5342, 35.0453 by changing the saturation by 10% instead.

■ 30.6096, 31.5342,
35.0453

■ 30.6096, 31.5342,
35.0453

296.5948,
308.9919, 339.6786

■ 20.4521, 21.0060,
23.4139

■ 60.0049, 62.0801,
68.7083

■ 12.8343, 13.1284,
14.6913

■ 79.9735, 82.8666,
91.5770

■ 7.3907, 7.5170,
8.4588

103.9431,
107.8414, 119.0286

■ 3.7561, 3.7875,
4.2979

132.2792,
137.3887, 151.4816

■ 1.5651, 1.5554,
1.7902

165.3470,
171.8930, 189.3546

■ 0.3695, 0.3272,
0.4215

203.5120,

■ 0.0000, 0.0000,

211.7387, 233.0660

0.0000

247.1395,
257.3102, 283.0345

■ 30.6096, 31.5342,
35.0453

■ 30.6096, 31.5342,
35.0453

■ 27.7571, 26.6393,
31.5959

■ 33.8232, 37.1071,
38.7493

■ 25.2495, 22.3922,
28.3925

■ 37.4078, 43.3785,
42.7120

■ 23.0737, 18.7666,
25.4290

■ 41.3764, 50.3733,
46.9399

■ 21.2144, 15.7327,
22.6983

■ 45.7402, 58.1135,
51.4389

■ 19.6551, 13.2583,
20.1927

■ 50.5105, 66.6207,
56.2143

■ 18.3778, 11.3080,
17.9041

■ 55.6975, 75.9153,
61.2715

■ 17.3625, 9.8424,
15.8233

■ 59.6288, 82.6513,
66.0547

■ 16.5861, 8.8165,
13.9405

■ 60.3625, 82.9448,
69.9184

■ 16.0217, 8.1767,
12.2442

■ 61.1262, 83.2503,
73.9402

Harmonies

Analogous

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



30.3993, 31.5342, 35.8746



30.6096, 31.5342, 35.0453



30.6485, 31.5342, 34.0407

Triad

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



30.6096, 31.5342, 35.0453



29.8692, 31.5342, 32.4489



29.4458, 31.5342, 35.5668

Complementary

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



30.6096, 31.5342, 35.0453



30.4018, 32.6569, 34.8395

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.



29.3062, 31.5342, 34.6318



30.6096, 31.5342, 35.0453



29.5494, 31.5342, 32.8408

Square

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



30.6096, 31.5342, 35.0453



30.2192, 31.5342, 32.5547



29.3439, 31.5342, 33.6351



29.7268, 31.5342, 36.1798

Rectangle

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



30.6096, 31.5342, 35.0453



30.5716, 31.5342, 33.4087



29.3439, 31.5342, 33.6351



29.3809, 31.5342, 35.2790

Sweetspot

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



30.6105, 31.5356, 35.0460



56.8144, 59.3802, 65.0818



30.2054, 31.3073, 35.9037



12.5093, 13.0795, 14.3298



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.6105, 31.5356, 35.0460



55.1171, 56.4496, 63.0857



30.4046, 31.4532, 33.9616



7.1075, 7.2523, 8.1334



12.9590, 6.4882, 9.3012



0.2522, 0.1242, 0.2742

Inverse Universe

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



30.6105, 31.5356, 35.0460



55.1171, 56.4496, 63.0857



30.6104, 32.7403, 35.9376



7.1075, 7.2523, 8.1334



12.9590, 6.4882, 9.3012



0.2522, 0.1242, 0.2742

Previews

White Background



This preview shows how the XYZ color 30.6096, 31.5342, 35.0453 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 30.6096, 31.5342, 35.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

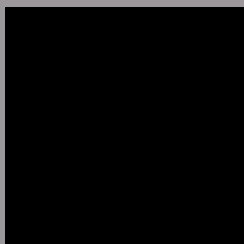
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

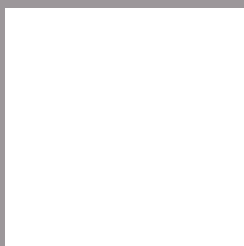
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6096, 31.5342, 35.0453

Background



This preview shows how black text looks on a background with the XYZ color 30.6096, 31.5342, 35.0453.



This preview shows how white text looks on a background with the XYZ color 30.6096, 31.5342,

35.0453.

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

30.6096, 31.5342, 35.0453

Protanopia

30.3874, 31.6596, 35.0812

Deuteranopia

32.2322, 31.6534, 35.4212



Tritanopia

31.3326, 31.5894, 38.6284

Trichromacy



Original Color

30.6096, 31.5342, 35.0453

Protanomaly

30.5785, 31.7581, 35.0901

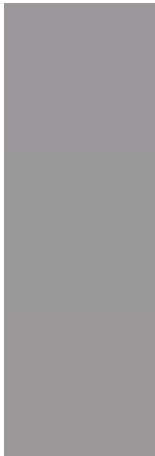
Deuteranomaly

31.5641, 31.5428, 35.4351

Tritanomaly

31.0690, 31.4840, 37.2404

Monochromacy



Original Color

30.6096, 31.5342, 35.0453

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3044, 31.6264, 34.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6096, 31.5342, 35.0453 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, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(156, 151, 154)  
}
```

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, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 151, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.6096, 31.5342, 35.0453 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, 151, 154) }
```


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

```
.border{ border-color:rgb(156, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 151,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6096, 31.5342, 35.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 151, 154) }
```

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

```
.background{ background-color: rgb(156,  
151, 154) }
```

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