

Converting Colors

XYZ(30.2146, 31.1118, 37.5585)

Have a look what the booklet for
XYZ(30.2146, 31.1118, 37.5585)
contains.

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Color

**XYZ(30.2004, 31.0262,
37.6546)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9896A0 |
| RGB | 152, 150, 160 |
| RGB Percent | 60%, 59%, 63% |
| CMY | 0.4039, 0.4117, 0.3725 |
| CMYK | 0.05, 0.06, 0.00, 0.37 |
| HSL | 252°, 5%, 61% |
| HSV | 252°, 6%, 63% |
| XYZ | 30.2004, 31.0262, 37.6546 |
| YIQ | 151.7380, -2.0180, 3.5340 |

Conversions

Conversions Part 2

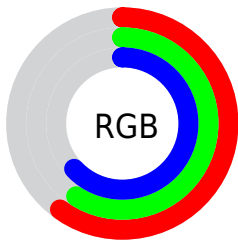
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 152, 150, 160 |
| Decimal | 10000032 |
| CIELab | 62.53, 2.70, -4.99 |
| CIELCh | 63, 5.671, 298.417 |
| Yxy | 31.0262, 0.3054, 0.3138 |
| Android (android.graphics.Color) | 4288190112 (0xFF9896A0) |
| YUV | 151.7380, 4.0732, 0.2298 |
| Hunter-Lab | 55.7012, -0.6968, -1.0899 |

Details

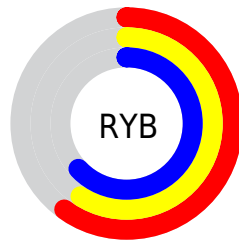
The XYZ color **30.2004, 31.0262, 37.6546** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1776, 34.6136, 33.8409**, and the grayscale version is **29.7165, 31.2641, 34.0466**.

A 20% lighter version of the original color is **59.3122, 61.2138, 72.9793**, and **12.5890, 12.7945, 16.2741** is the 20% darker color. If you saturate the color by 10%, you get **25.5513, 25.0953, 36.7553**, and if you desaturate by 10%, it is **35.4586, 37.7904, 38.6836**.

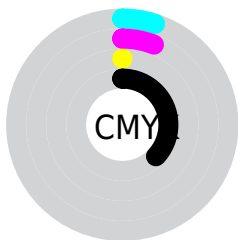
Distribution



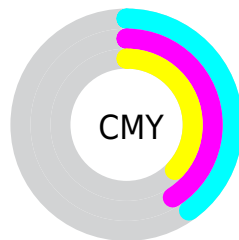
- Red (60%)
- Green (59%)
- Blue (63%)



- Red (60%)
- Yellow (59%)
- Blue (63%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2004, 31.0262, 37.6546 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 30.2004, 31.0262, 37.6546 by changing the saturation by 10% instead.

■ 30.2004, 31.0262,
37.6546

■ 30.2004, 31.0262,
37.6546

294.7305,
306.6590, 351.3896

■ 20.1396, 20.6188,
25.4150

■ 59.3634, 61.2813,
72.7760

■ 12.6054, 12.8456,
16.1647

■ 79.1963, 81.8978,
96.4948

■ 7.2325, 7.3223,
9.4851

103.0173,
106.6862, 124.8771

■ 3.6556, 3.6645,
4.9578

131.1917,
136.0307, 158.3414

■ 1.5092, 1.4877,
2.1642

164.0848,
170.3159, 197.3063

■ 0.3321, 0.2801,
0.6536

202.0621,

■ 0.0000, 0.0000,

209.9261, 242.1902

0.0000

245.4889,
255.2456, 293.4118

■ 30.2004, 31.0262,
37.6546

■ 30.2004, 31.0262,
37.6546

■ 25.5513, 25.0953,
36.7553

■ 35.4586, 37.7904,
38.6836

■ 21.4865, 19.9614,
35.9786

■ 41.3444, 45.4143,
39.8449

■ 17.9832, 15.5915,
35.3198

■ 47.8785, 53.9284,
41.1439

■ 15.0163, 11.9486,
34.7730

■ 55.0802, 63.3601,
42.5848

■ 12.5585, 8.9927,
34.3320

■ 62.9678, 73.7360,
44.1719

10.5803, 6.6798,
33.9898

71.5589, 85.0812,
45.9089

9.0487, 4.9609,
33.7388

78.5950, 92.8693,
47.0413

7.9266, 3.7793,
33.5699

83.1358, 95.2101,
47.2538

7.1651, 3.0575,
33.4707

83.3452, 95.3181,
47.2636

Harmonies

Analogous

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



29.4485, 31.0262, 38.2053



30.2004, 31.0262, 37.6546



30.7701, 31.0262, 36.0544

Triad

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



30.2004, 31.0262, 37.6546



30.2725, 31.0262, 30.2939



28.0326, 31.0262, 33.6651

Complementary

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



30.2004, 31.0262, 37.6546



32.1776, 34.6136, 33.8409

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.



28.2449, 31.0262, 31.6076



30.2004, 31.0262, 37.6546



29.5304, 31.0262, 29.7145

Square

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



30.2004, 31.0262, 37.6546



30.8123, 31.0262, 31.8023



28.7898, 31.0262, 30.1849



28.2051, 31.0262, 35.8427

Rectangle

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



30.2004, 31.0262, 37.6546



30.9653, 31.0262, 34.6417



28.7898, 31.0262, 30.1849



28.0613, 31.0262, 32.9371

Sweetspot

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



30.2013, 31.0275, 37.6553



58.7179, 61.3184, 69.1274



31.1792, 33.5336, 38.0875



12.9027, 13.4802, 15.1655



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.



30.2013, 31.0275, 37.6553



54.0435, 55.3211, 68.2162



31.1247, 31.5036, 37.6985



6.6009, 6.7498, 8.3616



5.4363, 2.2315, 26.0514



0.1266, 0.0551, 0.4672

Inverse Universe

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



31.5762, 31.7564, 36.8148



56.8798, 56.8247, 66.4749



31.2452, 34.1329, 33.7973



6.9607, 6.9406, 8.1405



14.3458, 7.0429, 16.6040



0.2698, 0.1312, 0.3668

Previews

White Background



This preview shows how the XYZ color 30.2004, 31.0262, 37.6546 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 30.2004, 31.0262, 37.6546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

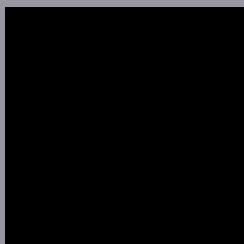
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

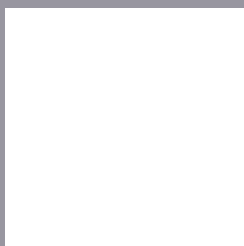
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2004, 31.0262, 37.6546

Background



This preview shows how black text looks on a background with the XYZ color 30.2004, 31.0262, 37.6546.



This preview shows how white text looks on a background with the XYZ color 30.2004, 31.0262,

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

30.2004, 31.0262, 37.6546

Protanopia

30.0140, 30.9301, 37.6459

Deuteranopia

31.5647, 31.0177, 38.0416



Tritanopia

30.3768, 31.0967, 38.5837

Trichromacy



Original Color

30.2004, 31.0262, 37.6546

Protanomaly

30.0140, 30.9301, 37.6459

Deuteranomaly

31.1235, 31.0221, 38.0657

Tritanomaly

30.2883, 31.0613, 38.1173

Monochromacy



Original Color

30.2004, 31.0262, 37.6546

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9319, 31.1752, 35.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2004, 31.0262, 37.6546 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(152, 150, 160)` looks like.

```
.text, #text, p{  
    color:rgb(152, 150, 160)  
}
```

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(152, 150, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 150, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.2004, 31.0262, 37.6546 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(152, 150, 160) }
```


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

```
.border{ border-color:rgb(152, 150, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 150, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 150, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 150, 160);  
box-shadow:4px 4px 4px 4px rgb(152, 150,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2004, 31.0262, 37.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 150, 160) }
```

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

```
.background{ background-color: rgb(152,  
150, 160) }
```

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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