

Converting Colors

XYZ(30.1607, 30.5262, 38.0240)

Have a look what the booklet for
XYZ(30.1607, 30.5262, 38.0240)
contains.

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Color

**XYZ(30.1598, 30.5253,
38.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	9994A1
RGB	153, 148, 161
RGB Percent	60%, 58%, 63%
CMY	0.4000, 0.4196, 0.3686
CMYK	0.05, 0.08, 0.00, 0.37
HSL	263°, 6%, 61%
HSV	263°, 8%, 63%
XYZ	30.1598, 30.5253, 38.0206
YIQ	150.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

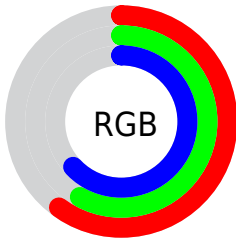
Format	Color
R_{YB}	153, 148, 161
Decimal	10065057
CIE Lab	62.10, 4.38, -6.17
CIE LCh	62, 7.568, 305.338
Yxy	30.5253, 0.3056, 0.3093
Android (android.graphics.Color)	4288255137 (0xFF9994A1)
YUV	150.9770, 4.9413, 1.7742
Hunter-Lab	55.2497, 0.7529, -2.1262

Details

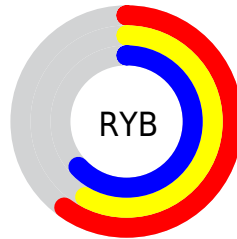
The XYZ color **30.1598, 30.5253, 38.0206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8016, 34.6966, 33.0394**, and the grayscale version is **29.3862, 30.9166, 33.6681**.

A 20% lighter version of the original color is **59.2473, 60.4643, 73.5139**, and **12.5687, 12.5000, 16.5021** is the 20% darker color. If you saturate the color by 10%, you get **26.0149, 24.8975, 37.1532**, and if you desaturate by 10%, it is **34.8131, 36.9384, 39.0137**.

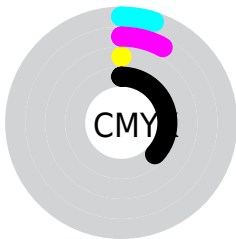
Distribution



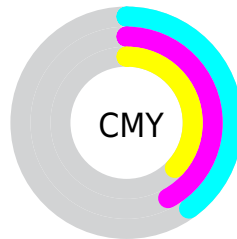
- Red (60%)
- Green (58%)
- Blue (63%)



- Red (60%)
- Yellow (58%)
- Blue (63%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1598, 30.5253, 38.0206 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 30.1598, 30.5253, 38.0206 by changing the saturation by 10% instead.

■ 30.1598, 30.5253,
38.0206

■ 30.1598, 30.5253,
38.0206

294.5451,
304.3454, 353.0092

■ 20.1086, 20.2376,
25.6967

■ 59.2997, 60.4919,
73.3435

■ 12.5827, 12.5679,
16.3732

■ 79.1191, 80.9397,
97.1796

■ 7.2169, 7.1317,
9.6314

102.9253,
105.5429, 125.6901

■ 3.6456, 3.5446,
5.0529

131.0835,
134.6861, 159.2937

■ 1.5037, 1.4222,
2.2190

163.9593,
168.7535, 198.4089

■ 0.3283, 0.2330,
0.6853

201.9179,

■ 0.0000, 0.0000,

208.1296, 243.4542

0.0000

245.3247,
253.1988, 294.8481

■ 30.1598, 30.5253,
38.0206

■ 30.1598, 30.5253,
38.0206

■ 26.0149, 24.8975,
37.1532

■ 34.8131, 36.9384,
39.0137

■ 22.3576, 20.0202,
36.4046

■ 39.9893, 44.1618,
40.1351

■ 19.1694, 15.8619,
35.7700

■ 45.7057, 52.2244,
41.3901

■ 16.4297, 12.3874,
35.2437

■ 51.9780, 61.1524,
42.7828

■ 14.1161, 9.5582,
34.8196

■ 58.8210, 70.9709,
44.3172

■ 12.2042, 7.3320,
34.4907

■ 66.2492, 81.7039,
45.9974

■ 10.6668, 5.6613,
34.2492

■ 72.4297, 89.6808,
47.2114

■ 9.4725, 4.4909,
34.0863

■ 75.5614, 91.2952,
47.3579

■ 8.5693, 3.7245,
33.9859

■ 78.8746, 93.0032,
47.5130

Harmonies

Analogous

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



29.1958, 30.5253, 39.1339



30.1598, 30.5253, 38.0206



30.8280, 30.5253, 35.6302

Triad

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



30.1598, 30.5253, 38.0206



29.8375, 30.5253, 28.4003



27.1086, 30.5253, 33.7608

Complementary

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



30.1598, 30.5253, 38.0206



31.8016, 34.6966, 33.0394

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.



27.2714, 30.5253, 30.9531



30.1598, 30.5253, 38.0206



28.8318, 30.5253, 27.9641

Square

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



30.1598, 30.5253, 38.0206



30.6389, 30.5253, 30.1001



27.8964, 30.5253, 28.8722



27.4464, 30.5253, 36.5843

Rectangle

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



30.1598, 30.5253, 38.0206



31.0075, 30.5253, 33.6944



27.8964, 30.5253, 28.8722



27.1067, 30.5253, 32.7835

Sweetspot

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



30.1607, 30.5266, 38.0213



58.9326, 61.4291, 69.1374



30.5381, 32.6527, 38.4118



12.9471, 13.5031, 15.1676



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.



30.1607, 30.5266, 38.0213



52.3698, 52.4228, 67.7450



31.4180, 31.1747, 38.0801



6.9460, 6.9865, 8.8855



6.7626, 2.8927, 27.1317



0.1939, 0.0875, 0.5725

Inverse Universe

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



31.2896, 31.1585, 35.8190



54.8963, 53.8374, 62.7935



30.5801, 34.0669, 32.9823



7.2483, 7.1558, 8.2941



13.5614, 6.7806, 10.1468



0.3070, 0.1513, 0.3292

Previews

White Background



This preview shows how the XYZ color 30.1598, 30.5253, 38.0206 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 30.1598, 30.5253, 38.0206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

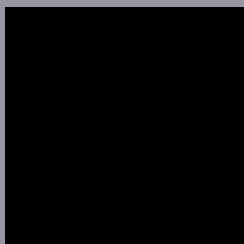
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

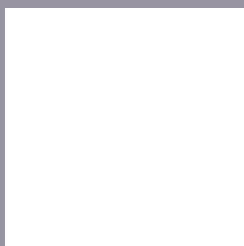
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1598, 30.5253, 38.0206

Background



This preview shows how black text looks on a background with the XYZ color 30.1598, 30.5253, 38.0206.



This preview shows how white text looks on a background with the XYZ color 30.1598, 30.5253,

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

30.1598, 30.5253, 38.0206

Protanopia

29.6635, 30.4931, 38.5047

Deuteranopia

31.0100, 30.5019, 37.9713



Tritanopia

30.0719, 30.4902, 37.5579

Trichromacy



Original Color

30.1598, 30.5253, 38.0206

Protanomaly

29.8467, 30.5876, 38.5133

Deuteranomaly

30.7714, 30.6087, 38.0045

Tritanomaly

30.0719, 30.4902, 37.5579

Monochromacy



Original Color

30.1598, 30.5253, 38.0206

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7716, 30.8547, 35.3968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1598, 30.5253, 38.0206 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(153, 148, 161)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 161)  
}
```

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(153, 148, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.1598, 30.5253, 38.0206 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(153, 148, 161) }
```


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

```
.border{ border-color:rgb(153, 148, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 161);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1598, 30.5253, 38.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 161) }
```

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

```
.background{ background-color: rgb(153,  
148, 161) }
```

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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