

Converting Colors

XYZ(30.5406, 38.1393, 20.7024)

Have a look what the booklet for
XYZ(30.5406, 38.1393, 20.7024)
contains.

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Color

**XYZ(30.5936, 38.1972,
20.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	95AF6F
RGB	149, 175, 111
RGB Percent	58%, 69%, 44%
CMY	0.4157, 0.3137, 0.5647
CMYK	0.15, 0.00, 0.37, 0.31
HSL	84°, 29%, 56%
HSV	84°, 37%, 69%
XYZ	30.5936, 38.1972, 20.7993
YIQ	159.9300, 5.0480, -25.4160

Conversions

Conversions Part 2

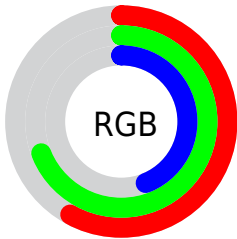
Format	Color
RYB	111, 175, 137
Decimal	9809775
CIELab	68.17, -20.12, 29.93
CIElCh	68, 36.063, 123.911
Yxy	38.1972, 0.3415, 0.4264
Android (android.graphics.Color)	4287999855 (0xFF95AF6F)
YUV	159.9300, -24.1225, -9.5856
Hunter-Lab	61.8039, -19.7973, 23.3094

Details

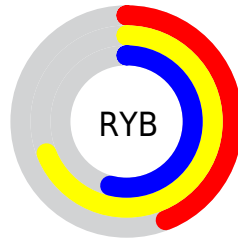
The XYZ color **30.5936, 38.1972, 20.7993** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.7405, 19.7835, 43.1269**, and the grayscale version is **33.4882, 35.2322, 38.3678**.

A 20% lighter version of the original color is **60.0886, 72.6335, 45.5030**, and **12.7588, 16.8083, 7.1293** is the 20% darker color. If you saturate the color by 10%, you get **28.4652, 37.2018, 16.1532**, and if you desaturate by 10%, it is **32.9919, 39.3123, 26.4451**.

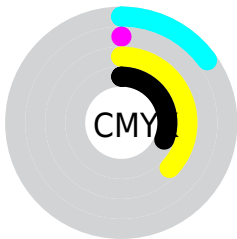
Distribution



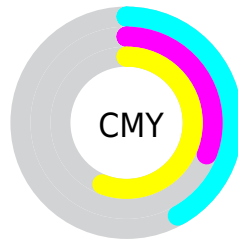
- Red (58%)
- Green (69%)
- Blue (44%)



- Red (44%)
- Yellow (69%)
- Blue (54%)



- Cyan (15%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5936, 38.1972, 20.7993 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 30.5936, 38.1972, 20.7993 by changing the saturation by 10% instead.


 30.5936, 38.1972,
20.7993


 30.5936, 38.1972,
20.7993


296.5221,
338.4652, 268.9559

 20.4399, 26.1358,
12.7876


 59.9799, 72.4103,
45.6297


 12.8253, 16.9252,
7.1534


 79.9431, 95.3308,
63.2855

 7.3845, 10.1812,
3.4783


 103.9070,
122.6397, 84.9930

 3.7522, 5.5193,
1.3438

 132.2367,
154.7215, 111.1708

 1.5629, 2.5550,
0.0973

165.2978,
191.9605, 142.2375

 0.3681, 0.9041,
0.0000

203.4554,

 0.0000, 0.0000,

234.7412, 178.6115

0.0000

247.0751,
283.4480, 220.7115

■ 30.5936, 38.1972,
20.7993

■ 30.5936, 38.1972,
20.7993

■ 28.4652, 37.2018,
16.1532

■ 32.9919, 39.3123,
26.4451

■ 26.5915, 36.3160,
12.4459

■ 35.6688, 40.5469,
33.1417

■ 24.9596, 35.5357,
9.6137

■ 38.6361, 41.9070,
40.9397

■ 23.5544, 34.8548,
7.5840

■ 41.9039, 43.3970,
49.8859

■ 22.3583, 34.2659,
6.2727

■ 45.4818, 45.0208,
60.0242

■ 21.3477, 33.7596,
5.5634

■ 49.3790, 46.7822,
71.3961

■ 21.0281, 33.5986,
5.3769

■ 53.6041, 48.6848,
84.0414

■ 58.1655, 50.7321,
97.9978

■ 60.8197, 52.0268,
101.4444

Harmonies

Analogous

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



35.5718, 38.1972, 17.6909



30.5936, 38.1972, 20.7993



27.4237, 38.1972, 29.3901

Triad

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



30.5936, 38.1972, 20.7993



31.7491, 38.1972, 76.1171



48.2138, 38.1972, 39.5108

Complementary

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



30.5936, 38.1972, 20.7993



23.7405, 19.7835, 43.1269

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.



46.9232, 38.1972, 56.7709



30.5936, 38.1972, 20.7993



37.0488, 38.1972, 80.8300

Square

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



30.5936, 38.1972, 20.7993



28.0408, 38.1972, 61.3993



42.6870, 38.1972, 72.9961



46.0524, 38.1972, 26.5784

Rectangle

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



30.5936, 38.1972, 20.7993



26.5684, 38.1972, 38.3872



42.6870, 38.1972, 72.9961



48.1705, 38.1972, 44.9667

Sweetspot

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



30.5946, 38.1989, 20.8001



66.6723, 73.8965, 66.6176



29.4388, 28.0408, 18.9003



14.6629, 16.3529, 14.3977



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.5946, 38.1989, 20.8001



51.6337, 66.9320, 30.3079



25.5904, 35.6192, 20.5659



8.3431, 9.1655, 8.5428



15.1291, 24.0964, 3.8537



0.4808, 0.7012, 0.1100

Inverse Universe

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



23.7405, 19.7835, 43.1269



37.5366, 29.0339, 76.2626



29.7003, 22.8559, 43.4059



7.8755, 7.9101, 10.0644



7.4737, 3.2127, 29.2707



0.2709, 0.1218, 0.8172

Previews

White Background



This preview shows how the XYZ color 30.5936, 38.1972, 20.7993 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 30.5936, 38.1972, 20.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

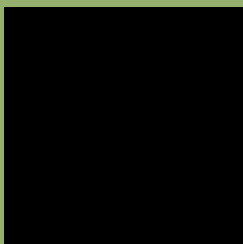
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5936, 38.1972, 20.7993

Background



This preview shows how black text looks on a background with the XYZ color 30.5936, 38.1972, 20.7993.



This preview shows how white text looks on a background with the XYZ color 30.5936, 38.1972,

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

30.5936, 38.1972, 20.7993

Protanopia

35.1125, 38.0373, 19.4012

Deuteranopia

38.7814, 38.0398, 21.5181



Tritanopia

36.3550, 38.3036, 48.6572

Trichromacy



Original Color

30.5936, 38.1972, 20.7993

Protanomaly

33.2569, 37.8937, 19.7487

Deuteranomaly

35.3148, 37.8285, 21.3599

Tritanomaly

33.8087, 38.0846, 36.5795

Monochromacy



Original Color

30.5936, 38.1972, 20.7993

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.0479, 35.9312, 30.8375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5936, 38.1972, 20.7993 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(149, 175, 111)` looks like.

```
.text, #text, p{  
    color:rgb(149, 175, 111)  
}
```

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(149, 175, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 175, 111) }
```

Border

The CSS property to change the border of an element to XYZ 30.5936, 38.1972, 20.7993 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(149, 175, 111) }
```


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

```
.border{ border-color:rgb(149, 175, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 175, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 175, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 175, 111);  
box-shadow:4px 4px 4px 4px rgb(149, 175,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5936, 38.1972, 20.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 175, 111) }
```

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

```
.background{ background-color: rgb(149,  
175, 111) }
```

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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