

Converting Colors

XYZ(30.2001, 39.1608, 21.2963)

Have a look what the booklet for
XYZ(30.2001, 39.1608, 21.2963)
contains.

XYZ(30.2001, 39.1608, 21.2963)	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(30.2001, 39.1608,
21.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB370
RGB	142, 179, 112
RGB Percent	56%, 70%, 44%
CMY	0.4431, 0.2980, 0.5608
CMYK	0.21, 0.00, 0.37, 0.30
HSL	93°, 31%, 57%
HSV	93°, 37%, 70%
XYZ	30.2001, 39.1608, 21.2963
YIQ	160.2990, -0.5450, -28.6810

Conversions

Conversions Part 2

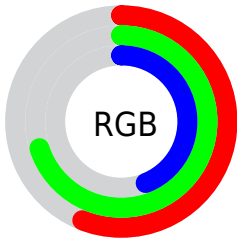
Format	Color
RYB	112, 179, 149
Decimal	9352048
CIELab	68.87, -24.62, 30.23
CIELCh	69, 38.987, 129.162
Yxy	39.1608, 0.3331, 0.4320
Android (android.graphics.Color)	4287542128 (0xFF8EB370)
YUV	160.2990, -23.8114, -16.0482
Hunter-Lab	62.5786, -23.3694, 23.6279

Details

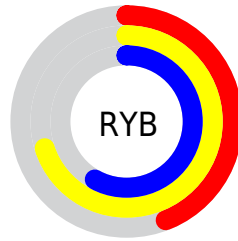
The XYZ color **30.2001, 39.1608, 21.2963** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **26.3268, 21.2336, 45.3608**, and the grayscale version is **33.6592, 35.4121, 38.5638**.

A 20% lighter version of the original color is **59.4351, 73.9673, 46.2665**, and **12.5745, 17.4542, 7.4089** is the 20% darker color. If you saturate the color by 10%, you get **27.6795, 37.9665, 16.4830**, and if you desaturate by 10%, it is **33.0713, 40.5153, 27.1619**.

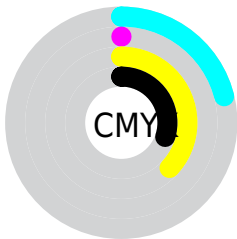
Distribution



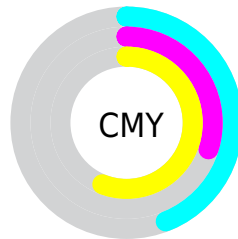
- Red (56%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (58%)



- Cyan (21%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2001, 39.1608, 21.2963 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 30.2001, 39.1608, 21.2963 by changing the saturation by 10% instead.

■ 30.2001, 39.1608,
21.2963

■ 30.2001, 39.1608,
21.2963

294.7292,
342.5737, 271.6816

■ 20.1393, 26.8848,
13.1474

■ 59.3629, 73.8839,
46.4673

■ 12.6052, 17.4868,
7.3982

■ 79.1957, 97.0998,
64.3265

■ 7.2324, 10.5821,
3.6302

■ 103.0166,
124.7312, 86.2596

■ 3.6555, 5.7866,
1.4247

■ 131.1909,
157.1624, 112.6850

■ 1.5091, 2.7158,
0.1609

164.0839,
194.7779, 144.0214

■ 0.3320, 0.9852,
0.0000

202.0610,

■ 0.0000, 0.0000,

237.9620, 180.6873

0.0000

245.4877,
287.0991, 223.1012

■ 30.2001, 39.1608,
21.2963

■ 30.2001, 39.1608,
21.2963

■ 27.6795, 37.9665,
16.4830

■ 33.0713, 40.5153,
27.1619

■ 25.4909, 36.9207,
12.6571

■ 36.3047, 42.0312,
34.1345

■ 23.6181, 36.0176,
9.7505


■ 39.9149, 43.7161,
42.2681


■ 22.0422, 35.2493,
7.6854


■ 43.9150, 45.5755,
51.6122


■ 20.7415, 34.6065,
6.3711


■ 48.3170, 47.6147,
62.2136


 19.6857, 34.0766,
5.6720

 53.1327, 49.8389,
74.1167

 19.4415, 33.9536,
5.5290

 58.3732, 52.2527,
87.3635

 64.0163, 54.8476,
101.8204

 67.1172, 56.4462,
101.9655

Harmonies

Analogous

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



35.3582, 39.1608, 17.0662



30.2001, 39.1608, 21.2963



27.1699, 39.1608, 31.6281

Triad

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



30.2001, 39.1608, 21.2963



33.1462, 39.1608, 83.0836



50.2497, 39.1608, 37.4395

Complementary

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



30.2001, 39.1608, 21.2963



26.3268, 21.2336, 45.3608

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.



49.4882, 39.1608, 55.9491



30.2001, 39.1608, 21.2963



39.1484, 39.1608, 85.9147

Square

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



30.2001, 39.1608, 21.2963



28.7352, 39.1608, 67.9883



45.2539, 39.1608, 74.9016



47.2321, 39.1608, 24.5340

Rectangle

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



30.2001, 39.1608, 21.2963



26.5447, 39.1608, 42.1430



45.2539, 39.1608, 74.9016



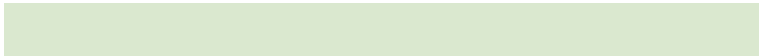
50.4338, 39.1608, 43.1398

Sweetspot

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



30.2011, 39.1625, 21.2971



68.9745, 77.1213, 69.9777



32.2402, 32.2025, 19.8462



15.0888, 16.9964, 15.0690



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.2011, 39.1625, 21.2971



50.2830, 68.3326, 30.8331



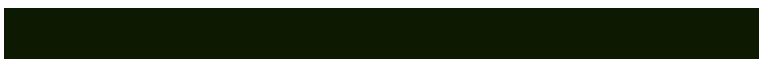
25.9180, 36.9325, 22.0887



8.7382, 9.6701, 9.0585



13.8104, 24.0296, 3.9103



0.5020, 0.7909, 0.1262

Inverse Universe

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



26.3268, 21.2336, 45.3608



42.3225, 31.5216, 80.2348



32.1879, 24.2938, 43.8876



8.4756, 8.4537, 10.6913



9.4506, 4.2077, 30.4511



0.3633, 0.1664, 0.9612

Previews

White Background



This preview shows how the XYZ color 30.2001, 39.1608, 21.2963 looks on a white background.

Color Contrast Check

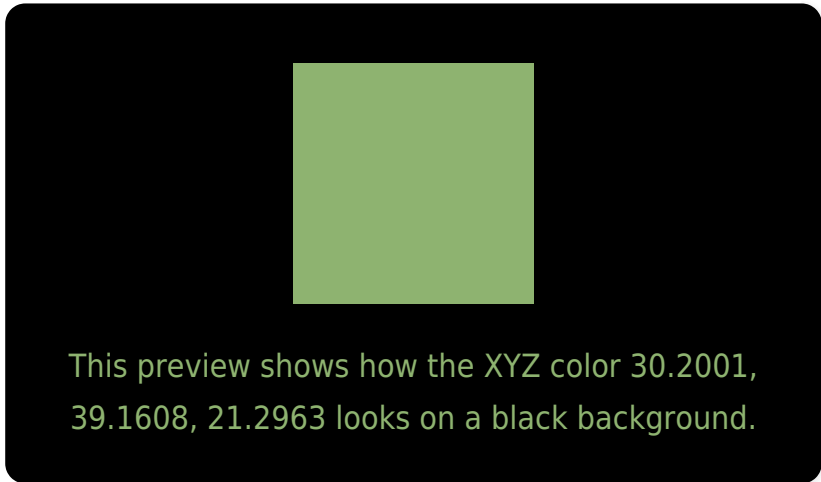
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 30.2001, 39.1608, 21.2963

Background



This preview shows how black text looks on a background with the XYZ color 30.2001, 39.1608, 21.2963.



This preview shows how white text looks on a background with the XYZ color 30.2001, 39.1608,

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

30.2001, 39.1608, 21.2963

Protanopia

35.9479, 39.0119, 19.5453

Deuteranopia

39.5426, 38.6819, 21.9052



Tritanopia

36.1633, 38.9824, 50.9658

Trichromacy



Original Color

30.2001, 39.1608, 21.2963

Protanomaly

33.4492, 38.8247, 20.1989

Deuteranomaly

35.5036, 38.4589, 21.7717

Tritanomaly

33.5096, 38.7453, 38.0602

Monochromacy



Original Color

30.2001, 39.1608, 21.2963

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.9135, 36.3929, 31.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2001, 39.1608, 21.2963 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(142, 179, 112)` looks like.

```
.text, #text, p{  
    color:rgb(142, 179, 112)  
}
```

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(142, 179, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 179, 112) }
```

Border

The CSS property to change the border of an element to XYZ 30.2001, 39.1608, 21.2963 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(142, 179, 112) }
```


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

```
.border{ border-color:rgb(142, 179, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 179, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 179, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 179, 112);  
box-shadow:4px 4px 4px 4px rgb(142, 179,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2001, 39.1608, 21.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 179, 112) }
```

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

```
.background{ background-color: rgb(142,  
179, 112) }
```

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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