

Converting Colors

XYZ(30.7277, 39.5225, 30.8200)

Have a look what the booklet for
XYZ(30.7277, 39.5225, 30.8200)
contains.

XYZ(30.7277, 39.5225, 30.8200)	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(30.7277, 39.5225,
30.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	85B48C
RGB	133, 180, 140
RGB Percent	52%, 71%, 55%
CMY	0.4784, 0.2941, 0.4510
CMYK	0.26, 0.00, 0.22, 0.29
HSL	129°, 24%, 61%
HSV	129°, 26%, 71%
XYZ	30.7277, 39.5225, 30.8200
YIQ	161.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

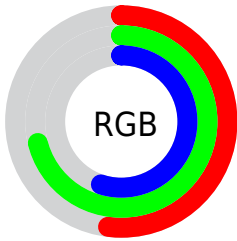
Format	Color
RYB	133, 174, 180
Decimal	8762508
CIELab	69.13, -23.77, 15.46
CIElCh	69, 28.351, 146.966
Yxy	39.5225, 0.3040, 0.3910
Android (android.graphics.Color)	4286952588 (0xFF85B48C)
YUV	161.3870, -10.5438, -24.8954
Hunter-Lab	62.8669, -22.7710, 14.9404

Details

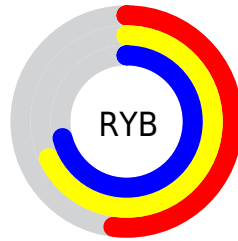
The XYZ color **30.7277, 39.5225, 30.8200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7540, 29.4963, 43.3983**, and the grayscale version is **34.1098, 35.8862, 39.0800**.

A 20% lighter version of the original color is **60.2266, 74.4507, 62.2351**, and **12.9145, 17.7108, 12.4107** is the 20% darker color. If you saturate the color by 10%, you get **27.0737, 37.7615, 25.1575**, and if you desaturate by 10%, it is **35.0281, 41.6008, 37.3354**.

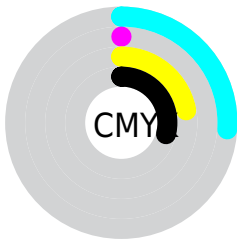
Distribution



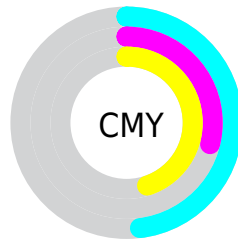
- Red (52%)
- Green (71%)
- Blue (55%)



- Red (52%)
- Yellow (68%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)




- Cyan (48%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7277, 39.5225, 30.8200 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 30.7277, 39.5225, 30.8200 by changing the saturation by 10% instead.

 30.7277, 39.5225,
30.8200


 30.7277, 39.5225,
30.8200


297.1312,
344.1069, 320.0337


 20.5424, 27.1664,
20.2045

 60.1899, 74.4358,
62.0328

 12.9005, 17.6983,
12.3582


 80.1974, 97.7619,
83.4672

 7.4366, 10.7336,
6.8627


 104.2098,
125.5135, 109.3450

 3.7853, 5.8880,
3.2992

132.5924,
158.0748, 140.0847

 1.5814, 2.7771,
1.2494

165.7104,
195.8305, 176.1049

 0.3803, 1.0165,
0.0197

203.9293,

 0.0000, 0.0000,

239.1648, 217.8241

0.0000

247.6145,
288.4621, 265.6609

■ 30.7277, 39.5225,
30.8200

■ 30.7277, 39.5225,
30.8200

■ 27.0737, 37.7615,
25.1575

■ 35.0281, 41.6008,
37.3354

■ 24.0317, 36.2974,
20.3101

■ 40.0010, 44.0058,
44.7342

■ 21.5688, 35.1152,
16.2410

■ 45.6746, 46.7526,
53.0487

■ 19.6477, 34.1966,
12.9097

■ 52.0750, 49.8537,
62.3086

■ 18.2268, 33.5211,
10.2717

■ 59.2265, 53.3213,
72.5425

■ 17.2582, 33.0648,
8.2781

■ 67.1525, 57.1669,
83.7776

■ 16.6809, 32.7977,
6.8731

■ 74.3871, 60.6341,
95.9705

■ 16.5177, 32.7223,
6.4709

■ 75.6120, 61.1241,
102.4207

Harmonies

Analogous

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



33.7532, 39.5225, 24.4139



30.7277, 39.5225, 30.8200



29.5233, 39.5225, 41.7267

Triad

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



30.7277, 39.5225, 30.8200



37.1059, 39.5225, 73.0485



45.8725, 39.5225, 32.6867

Complementary

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



30.7277, 39.5225, 30.8200



34.7540, 29.4963, 43.3983

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.



46.9484, 39.5225, 44.3669



30.7277, 39.5225, 30.8200



41.6534, 39.5225, 69.3059

Square

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



30.7277, 39.5225, 30.8200



33.0152, 39.5225, 67.5080



45.3479, 39.5225, 58.1097



42.5145, 39.5225, 25.3297

Rectangle

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



30.7277, 39.5225, 30.8200



29.8367, 39.5225, 50.7279



45.3479, 39.5225, 58.1097



46.5242, 39.5225, 36.1590

Sweetspot

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



30.7288, 39.5242, 30.8209



70.6004, 78.8561, 78.2606



37.9527, 43.3060, 28.5491



14.9597, 16.8987, 16.4709



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.



30.7288, 39.5242, 30.8209



51.9830, 69.8618, 50.1311



32.5852, 40.2668, 40.5969



8.4389, 9.5100, 9.3047



11.5438, 22.8435, 4.6003



0.3792, 0.7252, 0.2290

Inverse Universe

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



34.7540, 29.4963, 43.3983



60.4503, 48.7597, 76.5816



32.7349, 28.6886, 32.7657



8.7945, 8.6245, 10.4165



17.1804, 8.3897, 21.9076



0.5553, 0.2699, 0.7669

Previews

White Background



This preview shows how the XYZ color 30.7277, 39.5225, 30.8200 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 30.7277, 39.5225, 30.8200 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 30.7277, 39.5225, 30.8200

Background



This preview shows how black text looks on a background with the XYZ color 30.7277, 39.5225, 30.8200.



This preview shows how white text looks on a background with the XYZ color 30.7277, 39.5225,

30.8200.

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

30.7277, 39.5225, 30.8200

Protanopia

36.8961, 39.3102, 28.1972

Deuteranopia

39.9467, 39.1917, 31.8449



Tritanopia

35.2610, 39.6107, 52.8009

Trichromacy



Original Color

30.7277, 39.5225, 30.8200

Protanomaly

34.0967, 38.9640, 29.0163

Deuteranomaly

35.9405, 39.0170, 31.6234

Tritanomaly

33.4285, 39.4419, 43.8814

Monochromacy



Original Color

30.7277, 39.5225, 30.8200

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.5149, 36.8845, 35.5427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7277, 39.5225, 30.8200 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(133, 180, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 180, 140)  
}
```

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(133, 180, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 180, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.7277, 39.5225, 30.8200 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(133, 180, 140) }
```


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

```
.border{ border-color:rgb(133, 180, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 180, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 180, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 180, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 180,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7277, 39.5225, 30.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 180, 140) }
```

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

```
.background{ background-color: rgb(133,  
180, 140) }
```

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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