

Converting Colors

XYZ(9.3162, 11.2394, 9.2539)

Have a look what the booklet for
XYZ(9.3162, 11.2394, 9.2539)
contains.

XYZ(9.3031, 11.2522, 9.2710)	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(9.3031, 11.2522,
9.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	516350
RGB	81, 99, 80
RGB Percent	32%, 39%, 31%
CMY	0.6824, 0.6118, 0.6863
CMYK	0.18, 0.00, 0.19, 0.61
HSL	117°, 11%, 35%
HSV	117°, 19%, 39%
XYZ	9.3031, 11.2522, 9.2710
YIQ	91.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

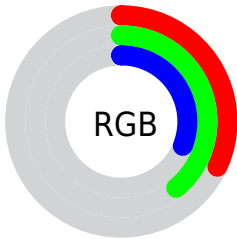
Format	Color
RYB	80, 99, 98
Decimal	5333840
CIELab	40.00, -10.96, 8.57
CIELCh	40, 13.913, 141.986
Yxy	11.2522, 0.3119, 0.3773
Android (android.graphics.Color)	4283523920 (0xFF516350)
YUV	91.4520, -5.6458, -9.1664
Hunter-Lab	33.5443, -9.1977, 7.0944

Details

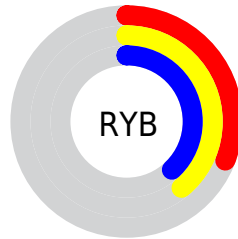
The XYZ color **9.3031, 11.2522, 9.2710** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1584, 9.2352, 13.0522**, and the grayscale version is **10.0604, 10.5844, 11.5264**.

A 20% lighter version of the original color is **24.2289, 28.2230, 24.9395**, and **2.2589, 2.9524, 2.0409** is the 20% darker color. If you saturate the color by 10%, you get **8.2150, 10.7308, 7.4493**, and if you desaturate by 10%, it is **10.5568, 11.8534, 11.3824**.

Distribution



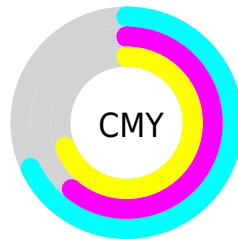
- Red (32%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)



- Cyan (68%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3031, 11.2522, 9.2710 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 9.3031, 11.2522, 9.2710 by changing the saturation by 10% instead.

■ 9.3031, 11.2522,
9.2710

■ 9.3031, 11.2522,
9.2710

179.7828,
199.3897, 195.6788

■ 4.9981, 6.2367,
4.8191

■ 24.1379, 28.1256,
25.0010

■ 2.2809, 2.9896,
2.0847

■ 35.3985, 40.7523,
37.1162

■ 0.7849, 1.1263,
0.6066

■ 49.7082, 56.6849,
52.6230

■ 0.0000, 0.0002,
0.0000

■ 67.4326, 76.3077,
71.9398

■ 0.0000, 0.0000,
0.0000

■ 88.9368, 100.0053,
95.4853

114.5864,

128.1618, 123.6779

144.7466,
161.1619, 156.9362

■ 9.3031, 11.2522,
9.2710

■ 9.3031, 11.2522,
9.2710

■ 8.2150, 10.7308,
7.4493

■ 10.5568, 11.8534,
11.3824

■ 7.2847, 10.2844,
5.9040

■ 11.9817, 12.5360,
13.7945

■ 6.5052, 9.9101,
4.6217

■ 13.5842, 13.3035,
16.5187

■ 5.8684, 9.6041,
3.5878

■ 15.3701, 14.1586,
19.5657

■ 5.3659, 9.3623,
2.7863

■ 17.3449, 15.1039,
22.9455

■ 4.9878, 9.1800,
2.1992

■ 19.5141, 16.1420,
26.6678

■ 4.7234, 9.0521,
1.8058

■ 21.8826, 17.2753,
30.7418

■ 4.5411, 8.9644,
1.5139

■ 24.4555, 18.5062,
35.1764

■ 4.5272, 8.9577,
1.4904

■ 27.2374, 19.8369,
39.9803

Harmonies

Analogous

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



10.0174, 11.2522, 7.9678



9.3031, 11.2522, 9.2710



8.9662, 11.2522, 11.5281

Triad

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



9.3031, 11.2522, 9.2710



10.4391, 11.2522, 18.2799



12.5029, 11.2522, 10.3740

Complementary

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



9.3031, 11.2522, 9.2710



10.1584, 9.2352, 13.0522

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.



12.6325, 11.2522, 13.0050



9.3031, 11.2522, 9.2710



11.4022, 11.2522, 17.8480

Square

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



9.3031, 11.2522, 9.2710



9.5960, 11.2522, 16.9159



12.2190, 11.2522, 15.8113



11.8746, 11.2522, 8.5349

Rectangle

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



9.3031, 11.2522, 9.2710



8.9860, 11.2522, 13.3848



12.2190, 11.2522, 15.8113



12.6077, 11.2522, 11.1845

Sweetspot

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



9.3034, 11.2527, 9.2712



18.8159, 20.6718, 20.7200



10.9369, 11.9180, 9.3136



4.4510, 4.9033, 4.8887



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



9.3034, 11.2527, 9.2712



15.0912, 18.8866, 14.4487



9.5416, 11.3382, 10.9692



2.5554, 2.8622, 2.7619



5.8901, 11.6706, 1.9422



31.2320, 62.2262, 10.3648

Inverse Universe

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



10.1584, 9.2352, 13.0522



16.8456, 14.7460, 22.2084



9.8930, 9.1416, 11.0883



2.6570, 2.6223, 3.2114



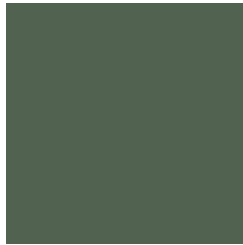
8.9156, 4.2570, 15.7395



47.3939, 22.6207, 84.0729

Previews

White Background



This preview shows how the XYZ color 9.3031, 11.2522, 9.2710 looks on a white background.

Color Contrast Check

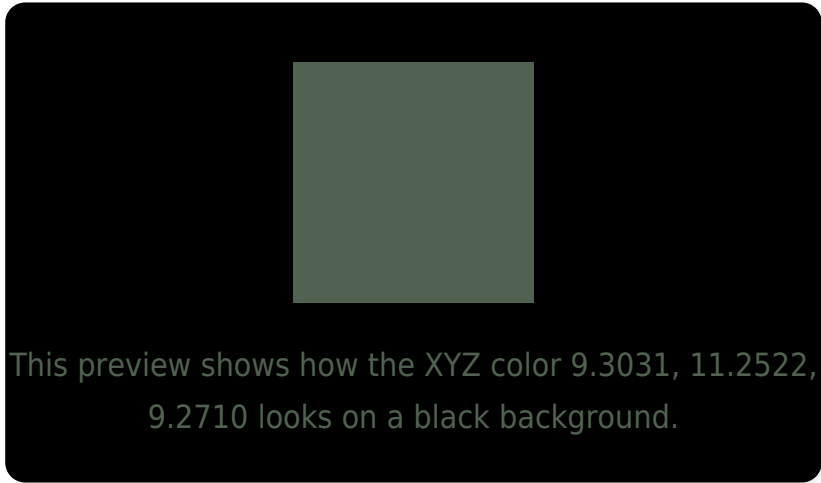
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.3031, 11.2522, 9.2710

Background



This preview shows how black text looks on a background with the XYZ color 9.3031, 11.2522, 9.2710.



This preview shows how white text looks on a background with the XYZ color 9.3031, 11.2522,

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

9.3031, 11.2522, 9.2710

Protanopia

10.4878, 11.1939, 8.6290

Deuteranopia

11.4484, 11.2795, 9.5564



Tritanopia

10.3774, 11.2763, 14.4616

Trichromacy



Original Color

9.3031, 11.2522, 9.2710

Protanomaly

9.9716, 11.1911, 8.8423

Deuteranomaly

10.5249, 11.1962, 9.3909

Tritanomaly

9.9964, 11.2604, 12.4731

Monochromacy



Original Color

9.3031, 11.2522, 9.2710

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.6535, 10.7198, 10.5772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3031, 11.2522, 9.2710 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(81, 99, 80)` looks like.

```
.text, #text, p{  
    color:rgb(81, 99, 80)  
}
```

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(81, 99, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 99, 80) }
```

Border

The CSS property to change the border of an element to XYZ 9.3031, 11.2522, 9.2710 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(81, 99, 80) }
```


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

```
.border{ border-color:rgb(81, 99, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 99, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 99, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 99, 80);  
box-shadow:4px 4px 4px 4px rgb(81, 99, 80)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.3031, 11.2522, 9.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 99, 80) }
```

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

```
.background{ background-color: rgb(81, 99,  
80) }
```

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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