

Converting Colors

XYZ(20.2721, 26.7489, 7.3640)

Have a look what the booklet for
XYZ(20.2721, 26.7489, 7.3640)
contains.

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Color

**XYZ(20.2906, 26.8168,
7.3555)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9734
RGB	126, 151, 52
RGB Percent	49%, 59%, 20%
CMY	0.5059, 0.4078, 0.7961
CMYK	0.17, 0.00, 0.66, 0.41
HSL	75°, 49%, 40%
HSV	75°, 66%, 59%
XYZ	20.2906, 26.8168, 7.3555
YIQ	132.2390, 16.8790, -36.0890

Conversions

Conversions Part 2

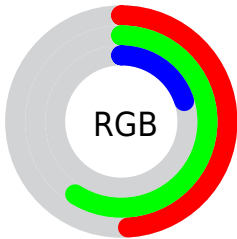
Format	Color
RYB	52, 151, 77
Decimal	8296244
CIELab	58.80, -23.60, 47.52
CIELCh	59, 53.058, 116.415
Yxy	26.8168, 0.3726, 0.4924
Android (android.graphics.Color)	4286486324 (0xFF7E9734)
YUV	132.2390, -39.5578, -5.4716
Hunter-Lab	51.7849, -20.6830, 27.8279

Details

The XYZ color **20.2906, 26.8168, 7.3555** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.8755, 6.2688, 29.9693**, and the grayscale version is **22.1532, 23.3069, 25.3813**.

A 20% lighter version of the original color is **43.3356, 54.4657, 21.0609**, and **7.3812, 10.5702, 1.6512** is the 20% darker color. If you saturate the color by 10%, you get **19.4520, 26.4186, 5.8163**, and if you desaturate by 10%, it is **21.2608, 27.2720, 9.4699**.

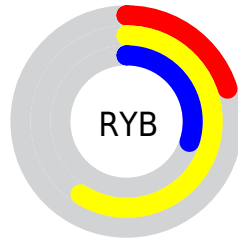
Distribution



Red (49%)

Green (59%)

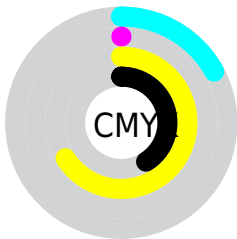
Blue (20%)



Red (20%)

Yellow (59%)

Blue (30%)

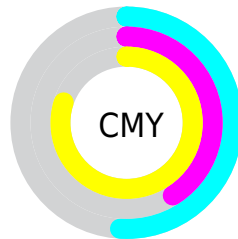


Cyan (17%)

Magenta (0%)

Yellow (66%)

Black (41%)



Cyan (51%)

Magenta (41%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2906, 26.8168, 7.3555 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 20.2906, 26.8168, 7.3555 by changing the saturation by 10% instead.

20.2906, 26.8168,
7.3555

20.2906, 26.8168,
7.3555

246.2877,
286.7690, 180.3273

12.7159, 17.4357,
3.6036

43.4041, 54.5898,
21.2098

7.3089, 10.5456,
1.4105

59.6737, 73.7504,
32.1493

3.7041, 5.7622,
0.1499

79.5722, 96.9396,
46.3218

1.5361, 2.7010,
0.0000

103.4652,
124.5419, 64.1457

0.3502, 0.9777,
0.0000

131.7178,
156.9416, 86.0397

0.0000, 0.0000,
0.0000

164.6955,

194.5230, 112.4223

202.7637,
237.6707, 143.7120

■ 20.2906, 26.8168,
7.3555

■ 20.2906, 26.8168,
7.3555

■ 19.4520, 26.4186,
5.8163

■ 21.2608, 27.2720,
9.4699

■ 18.7319, 26.0693,
4.7937

■ 22.3702, 27.7845,
12.2072

■ 18.1162, 25.7641,
4.2106

■ 23.6281, 28.3589,
15.6122

■ 17.8600, 25.6362,
4.0070

■ 25.0423, 28.9984,
19.7249

■ 26.6202, 29.7060,
24.5824

■ 28.3683, 30.4842,
30.2189

■ 30.2931, 31.3358,
36.6668

■ 32.4006, 32.2630,
43.9564

■ 34.6963, 33.2683,
52.1167

Harmonies

Analogous

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



26.2835, 26.8168, 5.9790



20.2906, 26.8168, 7.3555



16.3775, 26.8168, 13.4569

Triad

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



20.2906, 26.8168, 7.3555



19.1424, 26.8168, 70.6837



40.2223, 26.8168, 31.5107

Complementary

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



20.2906, 26.8168, 7.3555



9.8755, 6.2688, 29.9693

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.



37.4736, 26.8168, 54.0140



20.2906, 26.8168, 7.3555



24.7098, 26.8168, 81.9531

Square

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



20.2906, 26.8168, 7.3555



15.7986, 26.8168, 48.3435



31.5061, 26.8168, 74.8245



38.5001, 26.8168, 15.9224

Rectangle

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



20.2906, 26.8168, 7.3555



15.1097, 26.8168, 21.5260



31.5061, 26.8168, 74.8245



39.7801, 26.8168, 38.5077

Sweetspot

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



20.2912, 26.8180, 7.3561



46.2663, 52.5682, 39.6423



16.0197, 12.1009, 4.7405



10.3516, 11.8744, 8.5079



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.2912, 26.8180, 7.3561



34.1616, 46.9851, 9.3878



14.7278, 23.9500, 7.0957



6.5565, 7.1443, 6.6393



15.2201, 21.8221, 3.4099



0.2600, 0.3430, 0.0525

Inverse Universe

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



9.8755, 6.2688, 29.9693



14.1478, 7.3270, 53.1022



15.4560, 9.1456, 30.2305



6.0235, 6.0980, 7.7885



5.4596, 2.2656, 25.0573



0.1114, 0.0492, 0.3760

Previews

White Background



This preview shows how the XYZ color 20.2906, 26.8168, 7.3555 looks on a white 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

Black Background



This preview shows how the XYZ color 20.2906, 26.8168, 7.3555 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 × Fail

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

XYZ 20.2906, 26.8168, 7.3555

Background



This preview shows how black text looks on a background with the XYZ color 20.2906, 26.8168, 7.3555.



This preview shows how white text looks on a background with the XYZ color 20.2906, 26.8168,

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

20.2906, 26.8168, 7.3555

Protanopia

24.1798, 26.5406, 6.7542

Deuteranopia

26.9428, 26.4596, 7.5581



Tritanopia

25.5089, 26.6351, 33.5024

Trichromacy



Original Color

20.2906, 26.8168, 7.3555

Protanomaly

22.5552, 26.5921, 6.9616

Deuteranomaly

23.9723, 26.2001, 7.4081

Tritanomaly

22.9507, 26.4983, 20.4281

Monochromacy



Original Color

20.2906, 26.8168, 7.3555

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8867, 24.1903, 16.4003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2906, 26.8168, 7.3555 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(126, 151, 52)` looks like.

```
.text, #text, p{  
    color:rgb(126, 151, 52)  
}
```

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(126, 151, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 151, 52) }
```

Border

The CSS property to change the border of an element to XYZ 20.2906, 26.8168, 7.3555 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(126, 151, 52) }
```


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

```
.border{ border-color:rgb(126, 151, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 151, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 151, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 151, 52);  
box-shadow:4px 4px 4px 4px rgb(126, 151,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2906, 26.8168, 7.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 151, 52) }
```

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

```
.background{ background-color: rgb(126,  
151, 52) }
```

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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