

Converting Colors

XYZ(29.1170, 38.6291, 24.9193)

Have a look what the booklet for
XYZ(29.1170, 38.6291, 24.9193)
contains.

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Color

**XYZ(29.1183, 38.5207,
24.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	83B37C
RGB	131, 179, 124
RGB Percent	51%, 70%, 49%
CMY	0.4863, 0.2980, 0.5137
CMYK	0.27, 0.00, 0.31, 0.30
HSL	112°, 27%, 59%
HSV	112°, 31%, 70%
XYZ	29.1183, 38.5207, 24.9693
YIQ	158.3780, -10.9530, -27.2810

Conversions

Conversions Part 2

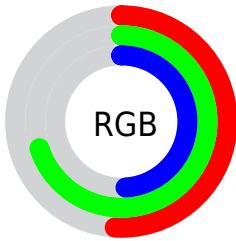
Format	Color
RYB	124, 179, 172
Decimal	8631164
CIELab	68.40, -26.74, 23.10
CIElCh	68, 35.339, 139.173
Yxy	38.5207, 0.3144, 0.4160
Android (android.graphics.Color)	4286821244 (0xFF83B37C)
YUV	158.3780, -16.9484, -24.0105
Hunter-Lab	62.0650, -24.8692, 19.5927

Details

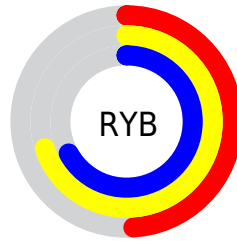
The XYZ color **29.1183, 38.5207, 24.9693** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **32.3591, 26.4417, 46.0480**, and the grayscale version is **32.7501, 34.4557, 37.5223**.

A 20% lighter version of the original color is **57.6517, 72.9053, 52.6285**, and **12.0391, 17.1352, 9.3295** is the 20% darker color. If you saturate the color by 10%, you get **25.8478, 36.9550, 19.4340**, and if you desaturate by 10%, it is **32.9612, 40.3600, 31.6057**.

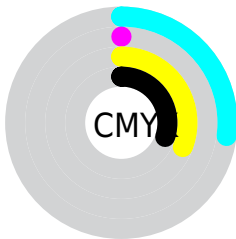
Distribution



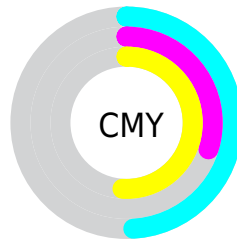
- Red (51%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1183, 38.5207, 24.9693 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 29.1183, 38.5207, 24.9693 by changing the saturation by 10% instead.

■ 29.1183, 38.5207,
24.9693

■ 29.1183, 38.5207,
24.9693

289.7569,
339.8484, 291.1278

■ 19.3151, 26.3871,
15.8354

■ 57.6612, 72.9055,
52.5709

■ 12.0035, 17.1134,
9.2546

■ 77.1317, 95.9255,
71.8757

■ 6.8183, 10.3154,
4.8086

■ 100.5552,
123.3431, 95.4078

■ 3.3940, 5.6086,
2.0786

128.2972,
155.5426, 123.5859

■ 1.3654, 2.6086,
0.6030

160.7230,
192.9085, 156.8283

■ 0.2314, 0.9310,
0.0000

198.1980,

■ 0.0000, 0.0000,

235.8252, 195.5538

0.0000

241.0875,
284.6770, 240.1808

■ 29.1183, 38.5207,
24.9693

■ 29.1183, 38.5207,
24.9693

■ 25.8478, 36.9550,
19.4340

■ 32.9612, 40.3600,
31.6057

■ 23.1193, 35.6450,
14.9379

■ 37.3990, 42.4800,
39.3955

■ 20.9040, 34.5787,
11.4168


■ 42.4568, 44.8935,
48.3908


■ 19.1695, 33.7407,
8.7985


■ 48.1571, 47.6112,
58.6398


■ 17.8792, 33.1140,
7.0008


■ 54.5216, 50.6432,
70.1879

 16.9915, 32.6792,
5.9262

 61.5707, 53.9991,
83.0785

 16.4692, 32.4212,
5.3899

 69.3240, 57.6882,
97.3527

 75.4108, 60.7217,
102.3536

Harmonies

Analogous

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



33.2193, 38.5207, 19.1950



29.1183, 38.5207, 24.9693



27.1014, 38.5207, 36.4605

Triad

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



29.1183, 38.5207, 24.9693



34.6449, 38.5207, 79.6824



47.6432, 38.5207, 32.6863

Complementary

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



29.1183, 38.5207, 24.9693



32.3591, 26.4417, 46.0480

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.



48.1238, 38.5207, 47.9482



29.1183, 38.5207, 24.9693



40.2298, 38.5207, 77.9299

Square

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



29.1183, 38.5207, 24.9693



30.0710, 38.5207, 69.5728



45.2941, 38.5207, 65.2590



44.0405, 38.5207, 22.8095

Rectangle

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



29.1183, 38.5207, 24.9693



27.0576, 38.5207, 47.0046



45.2941, 38.5207, 65.2590



48.1880, 38.5207, 37.2575

Sweetspot

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



29.1193, 38.5223, 24.9701



68.3293, 76.7224, 72.9444



36.9193, 40.4190, 24.9251



14.8637, 16.8667, 15.6749



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.



29.1193, 38.5223, 24.9701



48.0015, 67.0026, 37.6752



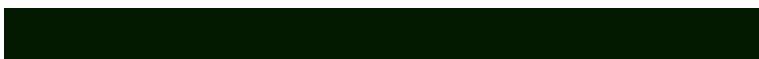
29.4802, 38.5457, 32.3396



8.4862, 9.5402, 9.0467



11.6691, 22.9257, 3.8101



0.3990, 0.7378, 0.1214

Inverse Universe

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



32.3591, 26.4417, 46.0480



54.7375, 41.8375, 81.5716



32.0429, 26.4974, 36.1521



8.7415, 8.5908, 10.7038



15.5064, 7.3296, 30.7345



0.5174, 0.2458, 0.9684

Previews

White Background



This preview shows how the XYZ color 29.1183, 38.5207, 24.9693 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 29.1183, 38.5207, 24.9693 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 29.1183, 38.5207, 24.9693

Background



This preview shows how black text looks on a background with the XYZ color 29.1183, 38.5207, 24.9693.



This preview shows how white text looks on a background with the XYZ color 29.1183, 38.5207,

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

29.1183, 38.5207, 24.9693

Protanopia

35.4966, 38.1641, 22.6351

Deuteranopia

38.8001, 37.9569, 25.7035



Tritanopia

34.4752, 38.3794, 51.4899

Trichromacy



Original Color

29.1183, 38.5207, 24.9693

Protanomaly

32.8534, 38.1633, 23.4040

Deuteranomaly

34.4802, 37.5754, 25.5141

Tritanomaly

32.2281, 38.3197, 40.3482

Monochromacy



Original Color

29.1183, 38.5207, 24.9693

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.0373, 35.6437, 32.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1183, 38.5207, 24.9693 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(131, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(131, 179, 124)  
}
```

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(131, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 179, 124) }
```

Border

The CSS property to change the border of an element to XYZ 29.1183, 38.5207, 24.9693 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(131, 179, 124) }
```


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

```
.border{ border-color:rgb(131, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(131, 179,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1183, 38.5207, 24.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 179, 124) }
```

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

```
.background{ background-color: rgb(131,  
179, 124) }
```

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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