

Converting Colors

XYZ(30.2574, 41.1586, 31.4143)

Have a look what the booklet for
XYZ(30.2574, 41.1586, 31.4143)
contains.

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Color

**XYZ(30.2518, 41.1058,
31.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	79BA8D
RGB	121, 186, 141
RGB Percent	47%, 73%, 55%
CMY	0.5255, 0.2706, 0.4471
CMYK	0.35, 0.00, 0.24, 0.27
HSL	138°, 32%, 60%
HSV	138°, 35%, 73%
XYZ	30.2518, 41.1058, 31.5391
YIQ	161.4350, -24.2950, -27.7750

Conversions

Conversions Part 2

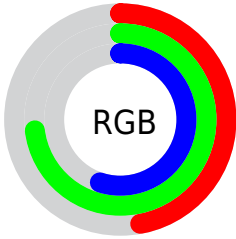
Format	Color
RYB	121, 171, 186
Decimal	7977613
CIELab	70.25, -30.38, 16.38
CIElCh	70, 34.517, 151.677
Yxy	41.1058, 0.2940, 0.3995
Android (android.graphics.Color)	4286167693 (0xFF79BA8D)
YUV	161.4350, -10.0745, -35.4615
Hunter-Lab	64.1138, -27.9748, 15.7135

Details

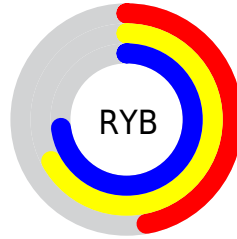
The XYZ color **30.2518, 41.1058, 31.5391** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9714, 26.8680, 39.4736**, and the grayscale version is **34.1332, 35.9108, 39.1068**.

A 20% lighter version of the original color is **59.2817, 76.5584, 63.2825**, and **12.5938, 18.5231, 12.8091** is the 20% darker color. If you saturate the color by 10%, you get **26.9892, 39.5294, 26.6725**, and if you desaturate by 10%, it is **34.1306, 42.9893, 37.0180**.

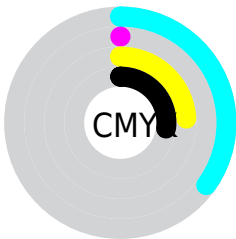
Distribution



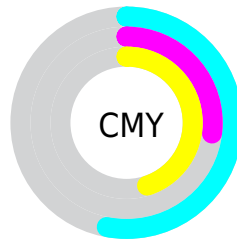
- Red (47%)
- Green (73%)
- Blue (55%)



- Red (47%)
- Yellow (67%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2518, 41.1058, 31.5391 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 30.2518, 41.1058, 31.5391 by changing the saturation by 10% instead.

■ 30.2518, 41.1058,
31.5391

■ 30.2518, 41.1058,
31.5391

294.9652,
350.7626, 323.4421

■ 20.1788, 28.4018,
20.7478

■ 59.4441, 76.8445,
63.1773

■ 12.6341, 18.6287,
12.7503

■ 79.2940, 100.6479,
84.8613

■ 7.2523, 11.4023,
7.1282

■ 103.1337,
128.9199, 111.0133

■ 3.6681, 6.3381,
3.4627

131.3285,
162.0449, 142.0519

■ 1.5162, 3.0518,
1.3355

164.2436,
200.4073, 178.3955

■ 0.3368, 1.1588,
0.0906

202.2446,

■ 0.0000, 0.0277,

244.3914, 220.4627

0.0000

245.6966,
294.3817, 268.6720

■ 0.0000, 0.0000,
0.0000

■ 30.2518, 41.1058,
31.5391

■ 30.2518, 41.1058,
31.5391

■ 26.9892, 39.5294,
26.6725

■ 34.1306, 42.9893,
37.0180

■ 24.3068, 38.2384,
22.3940

■ 38.6526, 45.1900,
43.1266

■ 22.1696, 37.2166,
18.6818

■ 43.8472, 47.7236,
49.8852

■ 20.5375, 36.4437,
15.5119

■ 49.7408, 50.6036,
57.3124

■ 19.3645, 35.8966,
12.8583

■ 56.3586, 53.8425,
65.4259

■ 18.5953, 35.5471,
10.6927

■ 63.7244, 57.4522,
74.2428

■ 18.3039, 35.4170,
9.7725

■ 71.8609, 61.4441,
83.7797

■ 75.1319, 62.9122,
93.7875

■ 76.8496, 63.5993,
102.8332

Harmonies

Analogous

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



33.6293, 41.1058, 23.1281



30.2518, 41.1058, 31.5391



29.1703, 41.1058, 45.6754

Triad

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



30.2518, 41.1058, 31.5391



39.3891, 41.1058, 83.6974



49.0821, 41.1058, 30.3047

Complementary

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



30.2518, 41.1058, 31.5391



33.9714, 26.8680, 39.4736

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.



50.9884, 41.1058, 43.8514



30.2518, 41.1058, 31.5391



45.0677, 41.1058, 76.8649

Square

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



30.2518, 41.1058, 31.5391



34.1308, 41.1058, 78.1803



49.4538, 41.1058, 61.2322



44.4637, 41.1058, 22.5458

Rectangle

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



30.2518, 41.1058, 31.5391



29.8044, 41.1058, 57.2844



49.4538, 41.1058, 61.2322



50.0803, 41.1058, 34.2040

Sweetspot

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



30.2529, 41.1075, 31.5400



74.4035, 84.0249, 83.8739



36.8425, 44.6613, 24.7684



16.0956, 18.3626, 18.0928



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.2529, 41.1075, 31.5400



50.1553, 72.2439, 50.2353



32.9882, 42.2016, 45.9438



9.0011, 10.1044, 10.1632



12.3437, 23.8384, 6.7319



0.4637, 0.8518, 0.3878

Inverse Universe

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



33.9714, 26.8680, 39.4736



57.9068, 42.5260, 66.7480



31.3914, 25.8360, 25.8874



9.2601, 9.1144, 10.7170



16.3137, 8.0992, 14.8044



0.6014, 0.2960, 0.6605

Previews

White Background



This preview shows how the XYZ color 30.2518, 41.1058, 31.5391 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 30.2518, 41.1058, 31.5391 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

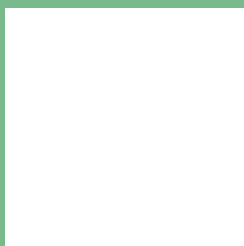
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2518, 41.1058, 31.5391

Background



This preview shows how black text looks on a background with the XYZ color 30.2518, 41.1058, 31.5391.



This preview shows how white text looks on a background with the XYZ color 30.2518, 41.1058,

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

30.2518, 41.1058, 31.5391

Protanopia

38.1574, 40.7921, 28.4168

Deuteranopia

41.6694, 40.8559, 32.8839



Tritanopia

35.2615, 40.9960, 56.5066

Trichromacy



Original Color

30.2518, 41.1058, 31.5391

Protanomaly

34.5379, 40.3304, 29.6311

Deuteranomaly

36.3398, 40.3358, 32.2558

Tritanomaly

33.2700, 41.1011, 46.2242

Monochromacy



Original Color

30.2518, 41.1058, 31.5391

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.0615, 37.1935, 36.0611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2518, 41.1058, 31.5391 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(121, 186, 141)` looks like.

```
.text, #text, p{  
    color:rgb(121, 186, 141)  
}
```

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(121, 186, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 186, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.2518, 41.1058, 31.5391 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(121, 186, 141) }
```


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

```
.border{ border-color:rgb(121, 186, 141) }
```

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

Here you see how a box with a 4 pixel rgb(121, 186, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 186, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 186, 141);  
box-shadow:4px 4px 4px 4px rgb(121, 186,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2518, 41.1058, 31.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 186, 141) }
```

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

```
.background{ background-color: rgb(121,  
186, 141) }
```

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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