

Converting Colors

XYZ(30.1965, 31.6142, 46.1060)

Have a look what the booklet for
XYZ(30.1965, 31.6142, 46.1060)
contains.

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Color

**XYZ(30.1423, 31.5322,
46.0926)**

Conversions

Conversions Part 1

Format	Color
Hex	8C99B1
RGB	140, 153, 177
RGB Percent	55%, 60%, 69%
CMY	0.4510, 0.4000, 0.3059
CMYK	0.21, 0.14, 0.00, 0.31
HSL	219°, 19%, 62%
HSV	219°, 21%, 69%
XYZ	30.1423, 31.5322, 46.0926
YIQ	151.8490, -15.4520, 4.7080

Conversions

Conversions Part 2

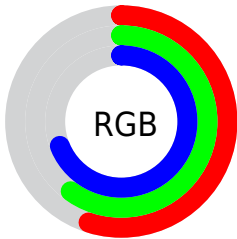
Format	Color
RYB	140, 150, 177
Decimal	9214385
CIELab	62.95, 0.65, -14.04
CIElCh	63, 14.058, 272.648
Yxy	31.5322, 0.2797, 0.2926
Android (android.graphics.Color)	4287404465 (0xFF8C99B1)
YUV	151.8490, 12.3994, -10.3916
Hunter-Lab	56.1535, -2.4528, -9.3596

Details

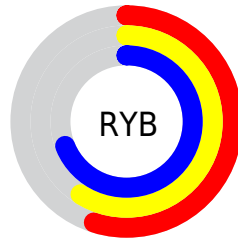
The XYZ color **30.1423, 31.5322, 46.0926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1410, 37.7918, 30.2016**, and the grayscale version is **29.7337, 31.2822, 34.0663**.

A 20% lighter version of the original color is **59.2689, 61.9782, 85.9300**, and **12.5093, 13.0818, 20.9345** is the 20% darker color. If you saturate the color by 10%, you get **25.6069, 26.5382, 45.3682**, and if you desaturate by 10%, it is **35.3402, 37.1377, 46.9011**.

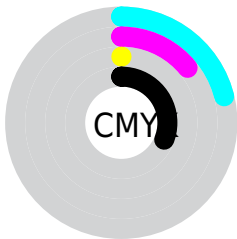
Distribution



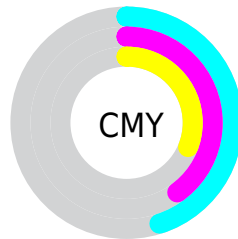
- Red (55%)
- Green (60%)
- Blue (69%)



- Red (55%)
- Yellow (59%)
- Blue (69%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1423, 31.5322, 46.0926 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 30.1423, 31.5322, 46.0926 by changing the saturation by 10% instead.

■ 30.1423, 31.5322,
46.0926

■ 30.1423, 31.5322,
46.0926

294.4651,
308.9827, 387.4692

■ 20.0952, 21.0044,
31.9697

■ 59.2722, 62.0770,
85.6933

■ 12.5730, 13.1272,
21.0737

■ 79.0858, 82.8628,
112.0082

■ 7.2101, 7.5162,
12.9861

■ 102.8856,
107.8368, 143.2242

■ 3.6413, 3.7870,
7.2884

131.0369,
137.3833, 179.7598

■ 1.5013, 1.5551,
3.5619

163.9052,
171.8868, 222.0335

■ 0.3267, 0.3271,
1.3882

201.8558,

■ 0.0000, 0.0000,

211.7316, 270.4640

0.1325

245.2539,
257.3021, 325.4697

■ 0.0000, 0.0000,
0.0000

■ 30.1423, 31.5322,
46.0926

■ 30.1423, 31.5322,
46.0926

■ 25.6069, 26.5382,
45.3682

■ 35.3402, 37.1377,
46.9011

■ 21.7032, 22.1300,
44.7231

■ 41.2239, 43.3716,
47.7943

■ 18.4020, 18.2853,
44.1550

■ 47.8193, 50.2550,
48.7753

■ 15.6706, 14.9792,
43.6608

■ 55.1497, 57.8067,
49.8466

■ 13.4730, 12.1842,
43.2371

■ 63.2376, 66.0447,
51.0104

■ 11.7687, 9.8703,
42.8803

■ 72.1044, 74.9863,
52.2690

■ 10.5102, 8.0032,
42.5863

■ 78.4189, 82.9204,
53.4676

■ 9.6691, 6.6408,
42.3677

■ 81.7823, 89.6472,
54.5887

■ 84.9359, 95.9544,
55.6399

Harmonies

Analogous

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



28.2961, 31.5322, 44.6740



30.1423, 31.5322, 46.0926



32.0190, 31.5322, 44.0909

Triad

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



30.1423, 31.5322, 46.0926



33.2077, 31.5322, 28.9087



26.7911, 31.5322, 29.6742

Complementary

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



30.1423, 31.5322, 46.0926



36.1410, 37.7918, 30.2016

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.



28.0111, 31.5322, 26.1331



30.1423, 31.5322, 46.0926



31.7095, 31.5322, 25.7256

Square

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



30.1423, 31.5322, 46.0926



33.8358, 31.5322, 33.8442



29.7992, 31.5322, 24.7661



26.4113, 31.5322, 34.8269

Rectangle

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



30.1423, 31.5322, 46.0926



33.0208, 31.5322, 41.1996



29.7992, 31.5322, 24.7661



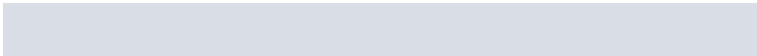
27.1139, 31.5322, 28.2755

Sweetspot

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



30.1433, 31.5335, 46.0933



68.1947, 71.7283, 84.7460



33.1879, 39.6803, 40.7648



14.6361, 15.3932, 18.3441



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.1433, 31.5335, 46.0933



50.1659, 52.2947, 81.9452



28.9801, 27.9451, 45.4620



8.2781, 8.7024, 10.7498



7.0579, 4.9161, 30.7139



0.2782, 0.2669, 0.9851

Inverse Universe

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



33.2601, 30.4041, 34.2539



56.7953, 50.1115, 56.7142



37.4843, 42.1165, 30.9656



8.6156, 8.5529, 9.4741



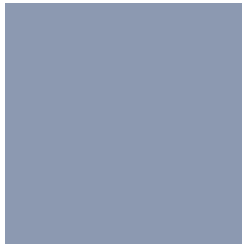
13.7971, 7.0364, 4.0917



0.4624, 0.2327, 0.2778

Previews

White Background



This preview shows how the XYZ color 30.1423, 31.5322, 46.0926 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 30.1423, 31.5322, 46.0926 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

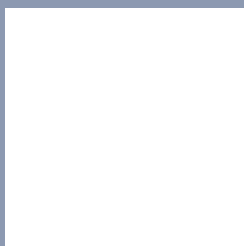
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1423, 31.5322, 46.0926

Background



This preview shows how black text looks on a background with the XYZ color 30.1423, 31.5322, 46.0926.



This preview shows how white text looks on a background with the XYZ color 30.1423, 31.5322,

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

30.1423, 31.5322, 46.0926

Protanopia

31.1158, 31.5637, 45.5267

Deuteranopia

31.9522, 31.2642, 46.4700



Tritanopia

29.1776, 31.6360, 41.1277

Trichromacy



Original Color

30.1423, 31.5322, 46.0926

Protanomaly

30.7418, 31.6108, 45.5555

Deuteranomaly

31.3367, 31.4166, 46.5319

Tritanomaly

29.5537, 31.5404, 43.0583

Monochromacy



Original Color

30.1423, 31.5322, 46.0926

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8740, 31.3256, 38.1901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1423, 31.5322, 46.0926 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(140, 153, 177)` looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 177)  
}
```

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(140, 153, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 177) }
```

Border

The CSS property to change the border of an element to XYZ 30.1423, 31.5322, 46.0926 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(140, 153, 177) }
```


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

```
.border{ border-color:rgb(140, 153, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 177);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1423, 31.5322, 46.0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 177) }
```

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

```
.background{ background-color: rgb(140,  
153, 177) }
```

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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