

Converting Colors

XYZ(30.1469, 36.3393, 31.7809)

Have a look what the booklet for
XYZ(30.1469, 36.3393, 31.7809)
contains.

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Color

**XYZ(30.0562, 36.2520,
31.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAA90
RGB	139, 170, 144
RGB Percent	55%, 67%, 56%
CMY	0.4549, 0.3333, 0.4353
CMYK	0.18, 0.00, 0.15, 0.33
HSL	130°, 15%, 61%
HSV	130°, 18%, 67%
XYZ	30.0562, 36.2520, 31.7988
YIQ	157.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

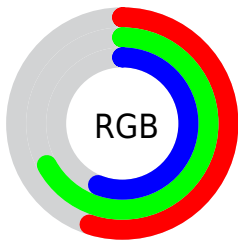
Format	Color
RYB	139, 166, 170
Decimal	9153168
CIELab	66.71, -15.87, 9.91
CIElCh	67, 18.714, 148.010
Yxy	36.2520, 0.3064, 0.3695
Android (android.graphics.Color)	4287343248 (0xFF8BAA90)
YUV	157.7670, -6.7871, -16.4587
Hunter-Lab	60.2096, -16.2610, 10.8336

Details

The XYZ color **30.0562, 36.2520, 31.7988** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.6029, 29.7287, 39.6187**, and the grayscale version is **32.4276, 34.1164, 37.1528**.

A 20% lighter version of the original color is **59.1106, 69.2651, 63.6801**, and **12.5233, 15.8397, 12.9870** is the 20% darker color. If you saturate the color by 10%, you get **26.4136, 34.4933, 26.2945**, and if you desaturate by 10%, it is **34.2799, 38.2965, 38.0503**.

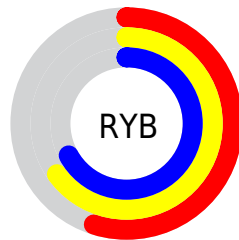
Distribution



Red (55%)

Green (67%)

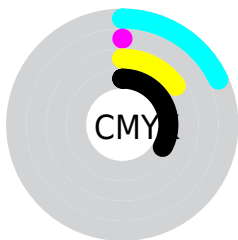
Blue (56%)



Red (55%)

Yellow (65%)

Blue (67%)

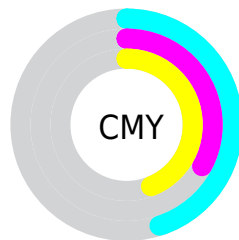


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0562, 36.2520, 31.7988 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 30.0562, 36.2520, 31.7988 by changing the saturation by 10% instead.

■ 30.0562, 36.2520,
31.7988

■ 30.0562, 36.2520,
31.7988

294.0715,
330.0606, 324.6661

■ 20.0295, 24.6289,
20.9443

■ 59.1371, 69.4208,
63.5898

■ 12.5249, 15.8008,
12.8925

■ 78.9220, 91.7354,
85.3634

■ 7.1770, 9.3833,
7.2247

■ 102.6903,
118.3825, 111.6137

■ 3.6203, 4.9920,
3.5224

130.8075,
149.7466, 142.7594

■ 1.4897, 2.2426,
1.3672

163.6389,
186.2120, 179.2189

■ 0.3188, 0.7431,
0.1159

201.5497,

■ 0.0000, 0.0000,

228.1633, 221.4109

0.0000

244.9055,
275.9847, 269.7538

■ 30.0562, 36.2520,
31.7988

■ 30.0562, 36.2520,
31.7988

■ 26.4136, 34.4933,
26.2945

■ 34.2799, 38.2965,
38.0503

■ 23.3236, 33.0031,
21.5073

■ 39.1056, 40.6338,
45.0731

■ 20.7600, 31.7696,
17.4082

■ 44.5568, 43.2765,
52.8931

■ 18.6929, 30.7780,
13.9655

■ 50.6549, 46.2353,
61.5343

■ 17.0897, 30.0123,
11.1452

■ 57.4202, 49.5199,
71.0195

■ 15.9136, 29.4542,
8.9100

■ 64.8721, 53.1401,
81.3710

■ 15.1221, 29.0828,
7.2185

■ 71.9157, 56.5309,
92.5577

■ 14.6465, 28.8636,
6.0232

■ 73.6654, 57.2308,
101.7718

■ 14.5781, 28.8319,
5.8594

Harmonies

Analogous

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



31.9705, 36.2520, 27.2808



30.0562, 36.2520, 31.7988



29.3131, 36.2520, 38.9351

Triad

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



30.0562, 36.2520, 31.7988



34.2684, 36.2520, 57.1287



39.4724, 36.2520, 32.6148

Complementary

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



30.0562, 36.2520, 31.7988



32.6029, 29.7287, 39.6187

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.



40.1687, 36.2520, 40.0143



30.0562, 36.2520, 31.7988



37.0680, 36.2520, 54.8428

Square

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



30.0562, 36.2520, 31.7988



31.6611, 36.2520, 54.1737



39.2665, 36.2520, 48.2904



37.4117, 36.2520, 27.7048

Rectangle

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



30.0562, 36.2520, 31.7988



29.5495, 36.2520, 44.4746



39.2665, 36.2520, 48.2904



39.8785, 36.2520, 34.8599

Sweetspot

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



30.0572, 36.2535, 31.7996



64.8288, 70.7571, 72.8902



34.6263, 38.6522, 30.0621



14.3275, 15.7164, 16.0656



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.0572, 36.2535, 31.7996



51.6563, 64.3848, 53.3754



31.2943, 36.7484, 38.3142



7.4843, 8.4268, 8.2703



10.7376, 21.2138, 4.3850



0.2753, 0.5218, 0.1807

Inverse Universe

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



32.6029, 29.7287, 39.6187



57.1648, 50.2635, 70.2923



31.3042, 29.2092, 32.7797



7.7892, 7.6455, 9.2069



15.8356, 7.7429, 19.7435



0.3987, 0.1938, 0.5512

Previews

White Background



This preview shows how the XYZ color 30.0562, 36.2520, 31.7988 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 30.0562, 36.2520, 31.7988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

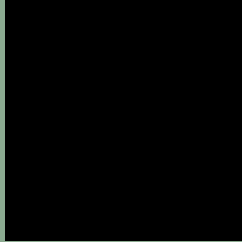
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0562, 36.2520, 31.7988

Background



This preview shows how black text looks on a background with the XYZ color 30.0562, 36.2520, 31.7988.



This preview shows how white text looks on a background with the XYZ color 30.0562, 36.2520,

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

30.0562, 36.2520, 31.7988

Protanopia

34.0561, 35.9292, 29.9510

Deuteranopia

36.6834, 35.9508, 32.6095



Tritanopia

33.1681, 36.1444, 47.3479

Trichromacy



Original Color

30.0562, 36.2520, 31.7988

Protanomaly

32.3813, 35.8449, 30.4114

Deuteranomaly

33.8695, 35.7806, 32.3154

Tritanomaly

32.0293, 36.2302, 41.3814

Monochromacy



Original Color

30.0562, 36.2520, 31.7988

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4326, 34.7199, 35.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0562, 36.2520, 31.7988 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(139, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 170, 144)  
}
```

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(139, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 170, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.0562, 36.2520, 31.7988 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(139, 170, 144) }
```


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

```
.border{ border-color:rgb(139, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 170,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0562, 36.2520, 31.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 170, 144) }
```

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

```
.background{ background-color: rgb(139,  
170, 144) }
```

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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