

Converting Colors

XYZ(28.0874, 30.9530, 43.8271)

Have a look what the booklet for
XYZ(28.0874, 30.9530, 43.8271)
contains.

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Color

**XYZ(28.1663, 31.0490,
44.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	809BAD
RGB	128, 155, 173
RGB Percent	50%, 61%, 68%
CMY	0.4980, 0.3921, 0.3216
CMYK	0.26, 0.10, 0.00, 0.32
HSL	204°, 22%, 59%
HSV	204°, 26%, 68%
XYZ	28.1663, 31.0490, 44.0437
YIQ	148.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

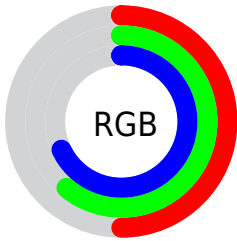
Format	Color
R_{YB}	128, 145, 173
Decimal	8428461
CIE _{Lab}	62.55, -5.22, -12.48
CIE _{LCh}	63, 13.532, 247.295
Yxy	31.0490, 0.2728, 0.3007
Android (android.graphics.Color)	4286618541 (0xFF809BAD)
YUV	148.9790, 11.8424, -18.3986
Hunter-Lab	55.7216, -7.2843, -7.8591

Details

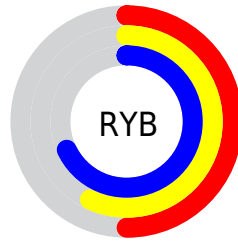
The XYZ color **28.1663, 31.0490, 44.0437** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4092, 31.0009, 24.7513**, and the grayscale version is **28.5174, 30.0025, 32.6727**.

A 20% lighter version of the original color is **56.0955, 61.1474, 82.2449**, and **11.5434, 12.9008, 19.9709** is the 20% darker color. If you saturate the color by 10%, you get **24.6641, 27.5834, 43.5599**, and if you desaturate by 10%, it is **32.1801, 34.8778, 44.5717**.

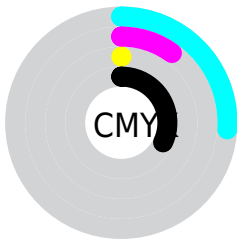
Distribution



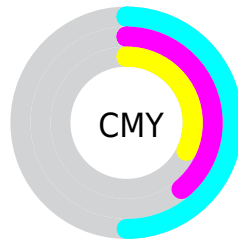
- Red (50%)
- Green (61%)
- Blue (68%)



- Red (50%)
- Yellow (57%)
- Blue (68%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)



- Cyan (50%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1663, 31.0490, 44.0437 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 28.1663, 31.0490, 44.0437 by changing the saturation by 10% instead.

■ 28.1663, 31.0490,
44.0437

■ 28.1663, 31.0490,
44.0437

285.3264,
306.7640, 378.9331

■ 18.5922, 20.6362,
30.3674

■ 56.1566, 61.3172,
82.5867

■ 11.4782, 12.8583,
19.8632

■ 75.3035, 81.9414,
108.2904

■ 6.4591, 7.3311,
12.1126

■ 98.3720, 106.7381,
138.8405

■ 3.1695, 3.6700,
6.6969

125.7275,
136.0918, 174.6553

■ 1.2440, 1.4907,
3.1977

157.7353,
170.3868, 216.1534

■ 0.1407, 0.2822,
1.1965

194.7609,

■ 0.0000, 0.0000,

210.0076, 263.7534

0.0000

237.1694,
255.3385, 317.8738

■ 28.1663, 31.0490,
44.0437

■ 28.1663, 31.0490,
44.0437

■ 24.6641, 27.5834,
43.5599

■ 32.1801, 34.8778,
44.5717

■ 21.6470, 24.4635,
43.1167

■ 36.7246, 39.0790,
45.1431

■ 19.0905, 21.6757,
42.7133

■ 41.8213, 43.6661,
45.7599

■ 16.9663, 19.2037,
42.3482

■ 47.4899, 48.6505,
46.4232

■ 15.2429, 17.0296,
42.0193

■ 53.7486, 54.0433,
47.1342

■ 13.8839, 15.1328,
41.7248

■ 60.6153, 59.8550,
47.8941

■ 12.8419, 13.4869,
41.4621

■ 68.1066, 66.0958,
48.7038

■ 12.4737, 12.8787,
41.3641

■ 71.9183, 70.5479,
49.3623

■ 73.6677, 74.0467,
49.9454

Harmonies

Analogous

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



26.7848, 31.0490, 40.3265



28.1663, 31.0490, 44.0437



29.9627, 31.0490, 44.8880

Triad

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



28.1663, 31.0490, 44.0437



33.1619, 31.0490, 32.5366



27.4187, 31.0490, 26.3692

Complementary

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



28.1663, 31.0490, 44.0437



31.4092, 31.0009, 24.7513

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.



29.0641, 31.0490, 24.7186



28.1663, 31.0490, 44.0437



32.4165, 31.0490, 28.0311

Square

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



28.1663, 31.0490, 44.0437



32.8972, 31.0490, 37.8714



30.8981, 31.0490, 25.2938



26.3658, 31.0490, 30.0444

Rectangle

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



28.1663, 31.0490, 44.0437



31.1637, 31.0490, 43.6359



30.8981, 31.0490, 25.2938



27.9181, 31.0490, 25.5775

Sweetspot

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



28.1672, 31.0502, 44.0444



63.9566, 68.3286, 80.6236



28.9765, 36.5290, 32.4136



13.6326, 14.6044, 17.4881



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.



28.1672, 31.0502, 44.0444



46.8652, 52.0963, 78.3913



24.8675, 24.4508, 42.9445



7.9635, 8.5263, 10.1787



9.2207, 9.5752, 30.4067



0.3081, 0.3696, 0.8631

Inverse Universe

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



30.8700, 26.6900, 34.5363



52.5882, 43.3112, 58.1574



35.0870, 38.3564, 25.9772



8.1994, 8.0930, 9.3607



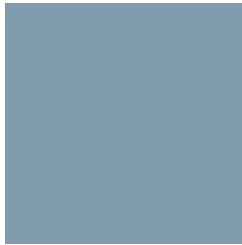
14.5178, 7.2697, 10.3722



0.4299, 0.2127, 0.4257

Previews

White Background



This preview shows how the XYZ color 28.1663, 31.0490, 44.0437 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 28.1663, 31.0490, 44.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

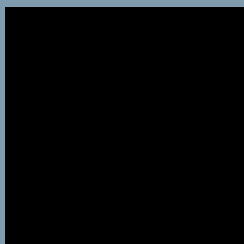
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

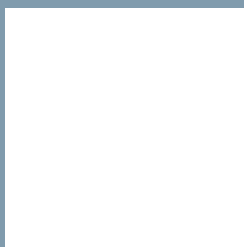
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1663, 31.0490, 44.0437

Background



This preview shows how black text looks on a background with the XYZ color 28.1663, 31.0490, 44.0437.



This preview shows how white text looks on a background with the XYZ color 28.1663, 31.0490,

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

28.1663, 31.0490, 44.0437

Protanopia

30.3748, 31.0109, 42.4150

Deuteranopia

31.4980, 30.8326, 44.8486



Tritanopia

27.7087, 31.1161, 41.5914

Trichromacy



Original Color

28.1663, 31.0490, 44.0437

Protanomaly

29.5634, 31.0595, 42.9650

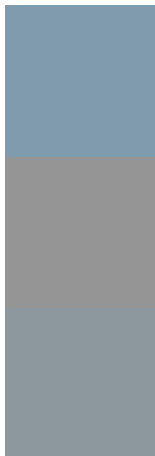
Deuteranomaly

30.2234, 30.8884, 44.4135

Tritanomaly

27.8966, 31.1912, 42.5804

Monochromacy



Original Color

28.1663, 31.0490, 44.0437

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2227, 30.2646, 36.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1663, 31.0490, 44.0437 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(128, 155, 173)` looks like.

```
.text, #text, p{  
    color:rgb(128, 155, 173)  
}
```

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(128, 155, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 155, 173) }
```

Border

The CSS property to change the border of an element to XYZ 28.1663, 31.0490, 44.0437 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(128, 155, 173) }
```


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

```
.border{ border-color:rgb(128, 155, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 155, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 155, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 155, 173);  
box-shadow:4px 4px 4px 4px rgb(128, 155,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1663, 31.0490, 44.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 155, 173) }
```

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

```
.background{ background-color: rgb(128,  
155, 173) }
```

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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