

Converting Colors

XYZ(21.7906, 26.0245, 31.3144)

Have a look what the booklet for
XYZ(21.7906, 26.0245, 31.3144)
contains.

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Color

**XYZ(21.8845, 26.1622,
31.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9393
RGB	108, 147, 147
RGB Percent	42%, 58%, 58%
CMY	0.5765, 0.4235, 0.4235
CMYK	0.27, 0.00, 0.00, 0.42
HSL	180°, 15%, 50%
HSV	180°, 27%, 58%
XYZ	21.8845, 26.1622, 31.5001
YIQ	135.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

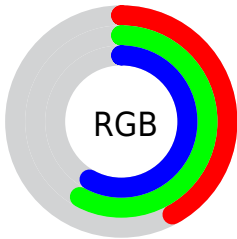
Format	Color
R_{YB}	108, 128, 147
Decimal	7115667
CIE _{Lab}	58.19, -13.33, -4.36
CIE _{LCh}	58, 14.026, 198.115
Yxy	26.1622, 0.2751, 0.3289
Android (android.graphics.Color)	4285305747 (0xFF6C9393)
YUV	135.3390, 5.7489, -23.9763
Hunter-Lab	51.1490, -13.1381, -0.7094

Details

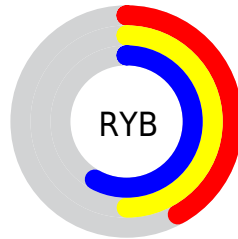
The XYZ color **21.8845, 26.1622, 31.5001** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1029, 18.0116, 16.6054**, and the grayscale version is **23.1411, 24.3463, 26.5131**.

A 20% lighter version of the original color is **46.1272, 53.5674, 63.1667**, and **8.1442, 10.1586, 12.8408** is the 20% darker color. If you saturate the color by 10%, you get **20.2454, 25.3179, 31.4236**, and if you desaturate by 10%, it is **23.8266, 27.1640, 31.5919**.

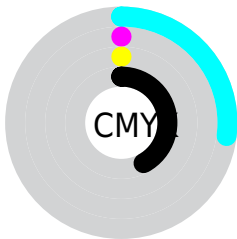
Distribution



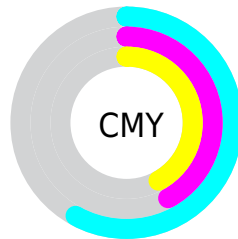
- Red (42%)
- Green (58%)
- Blue (58%)



- Red (42%)
- Yellow (50%)
- Blue (58%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8845, 26.1622, 31.5001 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 21.8845, 26.1622, 31.5001 by changing the saturation by 10% instead.

■ 21.8845, 26.1622,
31.5001

■ 21.8845, 26.1622,
31.5001

254.5862,
283.5774, 323.2580

■ 13.8882, 16.9450,
20.7183

■ 46.0353, 53.5365,
63.1154

■ 8.1241, 10.1953,
12.7290

■ 62.9205, 72.4624,
84.7859

■ 4.2269, 5.5286,
7.1137

■ 83.4994, 95.3934,
110.9231

■ 1.8313, 2.5606,
3.4538

■ 108.1373,
122.7137, 141.9455

■ 0.5364, 0.9069,
1.3307

137.1995,
154.8079, 178.2716

■ 0.0000, 0.0000,
0.0868

171.0516,

■ 0.0000, 0.0000,

192.0603, 220.3201

0.0000

210.0587,
234.8554, 268.5093

■ 21.8845, 26.1622,
31.5001

■ 21.8845, 26.1622,
31.5001

■ 20.2454, 25.3179,
31.4236

■ 23.8266, 27.1640,
31.5919

■ 18.8920, 24.6202,
31.3599

■ 26.0834, 28.3275,
31.6978

■ 17.8084, 24.0616,
31.3089

■ 28.6690, 29.6604,
31.8192

■ 16.9768, 23.6329,
31.2697

■ 31.5957, 31.1691,
31.9565

■ 16.3767, 23.3235,
31.2412

■ 34.8753, 32.8598,
32.1103

■ 15.9848, 23.1215,
31.2226

■ 38.5190, 34.7382,
32.2811

■ 15.7641, 23.0077,
31.2119

■ 42.5376, 36.8099,
32.4695

■ 15.7003, 22.9748,
31.2088

■ 46.9412, 39.0800,
32.6759

■ 51.7399, 41.5538,
32.9009

Harmonies

Analogous

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



21.8001, 26.1622, 26.5996



21.8845, 26.1622, 31.5001



22.7453, 26.1622, 36.0473

Triad

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



21.8845, 26.1622, 31.5001



27.3827, 26.1622, 35.2114



25.5463, 26.1622, 20.2653

Complementary

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



21.8845, 26.1622, 31.5001



20.1029, 18.0116, 16.6054

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.



27.1154, 26.1622, 22.0640



21.8845, 26.1622, 31.5001



28.2075, 26.1622, 30.4600

Square

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



21.8845, 26.1622, 31.5001



25.8976, 26.1622, 38.3526



28.1075, 26.1622, 25.6709



23.8629, 26.1622, 20.4761

Rectangle

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



21.8845, 26.1622, 31.5001



23.6666, 26.1622, 38.0960



28.1075, 26.1622, 25.6709



26.1060, 26.1622, 20.6458

Sweetspot

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



21.8853, 26.1633, 31.5007



46.0100, 50.3676, 56.7310



19.4049, 25.1803, 18.0253



10.3686, 11.4285, 12.9441



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.8853, 26.1633, 31.5007



37.3301, 45.8930, 56.3234



19.1903, 20.7730, 30.6032



5.9641, 6.5622, 7.4220



13.6107, 19.9171, 27.0552



0.1666, 0.2438, 0.3312

Inverse Universe

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



20.1029, 18.0116, 16.6054



33.5709, 28.7005, 24.9083



22.3103, 22.4267, 17.3407



5.8008, 5.8154, 6.0573



10.4317, 5.3777, 0.4884



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 21.8845, 26.1622, 31.5001 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8845, 26.1622, 31.5001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

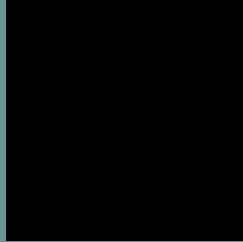
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8845, 26.1622, 31.5001

Background



This preview shows how black text looks on a background with the XYZ color 21.8845, 26.1622, 31.5001.

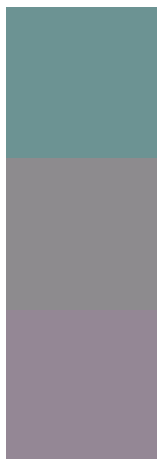


This preview shows how white text looks on a background with the XYZ color 21.8845, 26.1622,

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

21.8845, 26.1622, 31.5001

Protanopia

25.0996, 26.0810, 29.3024

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

22.6416, 26.0001, 35.7235

Trichromacy



Original Color

21.8845, 26.1622, 31.5001

Protanomaly

23.7603, 26.0267, 30.1569

Deuteranomaly

24.2508, 25.5899, 31.6782

Tritanomaly

22.3353, 26.1089, 33.9993

Monochromacy



Original Color

21.8845, 26.1622, 31.5001

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3503, 24.6893, 28.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8845, 26.1622, 31.5001 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(108, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 147, 147)  
}
```

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(108, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 147, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.8845, 26.1622, 31.5001 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(108, 147, 147) }
```


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

```
.border{ border-color:rgb(108, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 147, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 147, 147); box-shadow:4px 4px 4px 4px rgb(108, 147, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8845, 26.1622, 31.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 147, 147) }
```

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

```
.background{ background-color: rgb(108,  
147, 147) }
```

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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