

Converting Colors

XYZ(21.6686, 27.6562, 29.2048)

Have a look what the booklet for
XYZ(21.6686, 27.6562, 29.2048)
contains.

XYZ(21.7301, 27.8010, 29.4201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.7301, 27.8010,
29.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	659A8D
RGB	101, 154, 141
RGB Percent	40%, 60%, 55%
CMY	0.6039, 0.3961, 0.4471
CMYK	0.34, 0.00, 0.08, 0.40
HSL	165°, 21%, 50%
HSV	165°, 34%, 60%
XYZ	21.7301, 27.8010, 29.4201
YIQ	136.6710, -27.4150, -15.2790

Conversions

Conversions Part 2

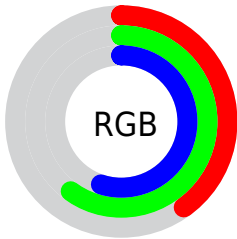
Format	Color
R_{YB}	101, 131, 154
Decimal	6658701
CIE _{Lab}	59.71, -20.60, 1.23
CIE _{LCh}	60, 20.632, 176.571
Yxy	27.8010, 0.2752, 0.3521
Android (android.graphics.Color)	4284848781 (0xFF659A8D)
YUV	136.6710, 2.1342, -31.2835
Hunter-Lab	52.7267, -18.7069, 3.8264

Details

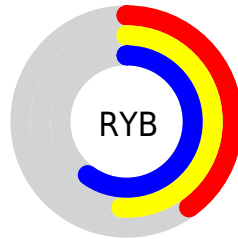
The XYZ color **21.7301, 27.8010, 29.4201** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0183, 17.3929, 18.1700**, and the grayscale version is **23.6539, 24.8858, 27.1006**.

A 20% lighter version of the original color is **45.9772, 56.4111, 60.0949**, and **8.1038, 11.1596, 11.6244** is the 20% darker color. If you saturate the color by 10%, you get **19.8886, 26.8843, 27.8919**, and if you desaturate by 10%, it is **23.9059, 28.8903, 31.0152**.

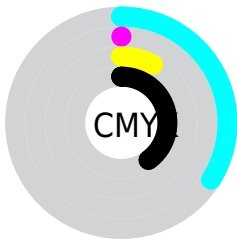
Distribution



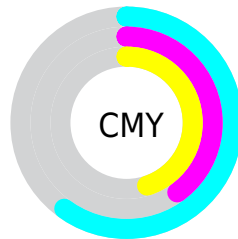
- Red (40%)
- Green (60%)
- Blue (55%)



- Red (40%)
- Yellow (51%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7301, 27.8010, 29.4201 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 21.7301, 27.8010, 29.4201 by changing the saturation by 10% instead.

■ 21.7301, 27.8010,
29.4201

■ 21.7301, 27.8010,
29.4201

253.7925,
291.5148, 313.3147

■ 13.7742, 18.1757,
19.1505

■ 45.7817, 56.1666,
59.7940

■ 8.0444, 11.0762,
11.6012

■ 62.6081, 75.6756,
80.7354

■ 4.1754, 6.1181,
6.3535

■ 83.1220, 99.2481,
106.0712

■ 1.8019, 2.9170,
2.9890

■ 107.6889,
127.2683, 136.2199

■ 0.5188, 1.0886,
1.0890

136.6740,
160.1207, 171.6001

■ 0.0000, 0.0000,
0.0000

170.4427,

198.1896, 212.6303

209.3604,
241.8595, 259.7289

■ 21.7301, 27.8010,
29.4201

■ 21.7301, 27.8010,
29.4201

■ 19.8886, 26.8843,
27.8919

■ 23.9059, 28.8903,
31.0152

■ 18.3609, 26.1276,
26.4274

■ 26.4304, 30.1576,
32.6766

■ 17.1277, 25.5216,
25.0257

■ 29.3200, 31.6120,
34.4061

■ 16.1668, 25.0549,
23.6853

■ 32.5894, 33.2610,
36.2049

■ 15.4526, 24.7143,
22.4045

■ 36.2525, 35.1118,
38.0741

■ 14.9536, 24.4837,
21.1814

■ 40.3223, 37.1711,
40.0147

■ 14.7216, 24.3784,
20.5210

■ 44.8114, 39.4454,
42.0278

■ 49.7319, 41.9409,
44.1145

■ 55.0951, 44.6635,
46.2756

Harmonies

Analogous

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



22.4580, 27.8010, 23.0315



21.7301, 27.8010, 29.4201



22.1901, 27.8010, 37.1558

Triad

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



21.7301, 27.8010, 29.4201



28.7299, 27.8010, 45.0089



29.2824, 27.8010, 19.8019

Complementary

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



21.7301, 27.8010, 29.4201



21.0183, 17.3929, 18.1700

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.



31.1649, 27.8010, 24.2932



21.7301, 27.8010, 29.4201



30.8315, 27.8010, 38.8868

Square

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



21.7301, 27.8010, 29.4201



26.1254, 27.8010, 46.9785



31.7494, 27.8010, 31.1373



26.7249, 27.8010, 18.0841

Rectangle

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



21.7301, 27.8010, 29.4201



23.1261, 27.8010, 41.9372



31.7494, 27.8010, 31.1373



30.0215, 27.8010, 20.9971

Sweetspot

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



21.7309, 27.8021, 29.4207



50.1411, 55.8528, 60.6663



20.8774, 27.6462, 16.5481



11.1965, 12.5652, 13.6389



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.7309, 27.8021, 29.4207



36.9395, 49.2391, 51.3747



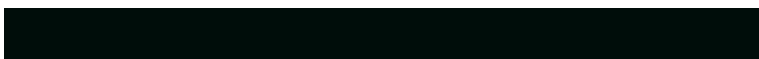
20.6884, 24.0769, 34.1301



6.3198, 7.0006, 7.6074



12.0081, 19.8667, 16.7952



0.1935, 0.3026, 0.3245

Inverse Universe

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



21.0183, 17.3929, 18.1700



35.4570, 27.5068, 27.9115



21.7218, 19.9014, 15.0088



6.2679, 6.2463, 6.7906



11.1520, 5.7150, 2.0595



0.1795, 0.0905, 0.0978

Previews

White Background



This preview shows how the XYZ color 21.7301, 27.8010, 29.4201 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 21.7301, 27.8010, 29.4201 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

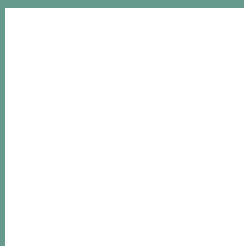
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7301, 27.8010, 29.4201

Background



This preview shows how black text looks on a background with the XYZ color 21.7301, 27.8010, 29.4201.

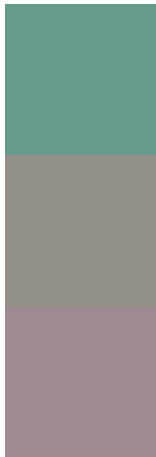


This preview shows how white text looks on a background with the XYZ color 21.7301, 27.8010,

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

21.7301, 27.8010, 29.4201

Protanopia

26.4084, 27.6901, 26.8745

Deuteranopia

28.1713, 27.6470, 30.2372



Tritanopia

23.6213, 27.8417, 38.7793

Trichromacy



Original Color

21.7301, 27.8010, 29.4201

Protanomaly

24.3091, 27.4989, 27.6935

Deuteranomaly

25.2477, 27.2481, 29.9153

Tritanomaly

22.8536, 27.7661, 35.1652

Monochromacy



Original Color

21.7301, 27.8010, 29.4201

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.7221, 25.7650, 27.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7301, 27.8010, 29.4201 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(101, 154, 141)` looks like.

```
.text, #text, p{  
    color:rgb(101, 154, 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(101, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 154, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.7301, 27.8010, 29.4201 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(101, 154, 141) }
```


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

```
.border{ border-color:rgb(101, 154, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(101, 154,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7301, 27.8010, 29.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 154, 141) }
```

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

```
.background{ background-color: rgb(101,  
154, 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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