

Converting Colors

XYZ(21.7925, 28.0889, 29.1023)

Have a look what the booklet for
XYZ(21.7925, 28.0889, 29.1023)
contains.

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Color

**XYZ(21.8218, 28.1028,
29.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	659B8C
RGB	101, 155, 140
RGB Percent	40%, 61%, 55%
CMY	0.6039, 0.3921, 0.4510
CMYK	0.35, 0.00, 0.10, 0.39
HSL	163°, 21%, 50%
HSV	163°, 35%, 61%
XYZ	21.8218, 28.1028, 29.0852
YIQ	137.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

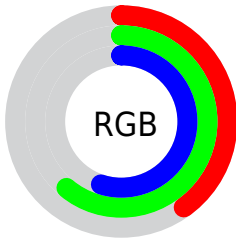
Format	Color
RYB	101, 132, 155
Decimal	6658956
CIELab	59.98, -21.34, 2.20
CIElCh	60, 21.455, 174.122
Yxy	28.1028, 0.2762, 0.3557
Android (android.graphics.Color)	4284849036 (0xFF659B8C)
YUV	137.1440, 1.4080, -31.6983
Hunter-Lab	53.0121, -19.2937, 4.5789

Details

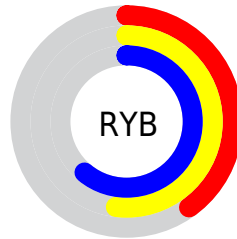
The XYZ color **21.8218, 28.1028, 29.0852** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3246, 17.5377, 18.7853**, and the grayscale version is **23.8352, 25.0765, 27.3083**.

A 20% lighter version of the original color is **45.9987, 56.8135, 58.9938**, and **8.1112, 11.3169, 11.4297** is the 20% darker color. If you saturate the color by 10%, you get **19.9361, 27.1674, 27.3722**, and if you desaturate by 10%, it is **24.0488, 29.2142, 30.8802**.

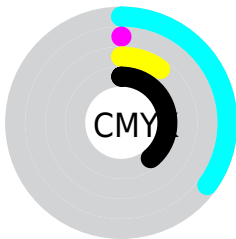
Distribution



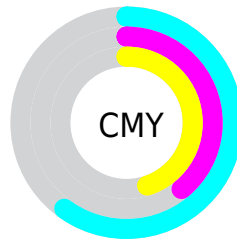
- Red (40%)
- Green (61%)
- Blue (55%)



- Red (40%)
- Yellow (52%)
- Blue (61%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (60%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8218, 28.1028, 29.0852 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 21.8218, 28.1028, 29.0852 by changing the saturation by 10% instead.

■ 21.8218, 28.1028,
29.0852

■ 21.8218, 28.1028,
29.0852

254.2641,
292.9578, 311.6902

■ 13.8419, 18.4032,
18.8992

■ 45.9323, 56.6485,
59.2562

■ 8.0917, 11.2398,
11.4214

■ 62.7937, 76.2634,
80.0783

■ 4.2060, 6.2284,
6.2333

■ 83.3462, 99.9522,
105.2827

■ 1.8193, 2.9844,
2.9164

■ 107.9553,
128.0992, 135.2882

■ 0.5293, 1.1236,
1.0521

136.9863,
161.0889, 170.5131

■ 0.0000, 0.0000,
0.0000

170.8045,

199.3056, 211.3761

209.7753,
243.1338, 258.2956

■ 21.8218, 28.1028,
29.0852

■ 21.8218, 28.1028,
29.0852

■ 19.9361, 27.1674,
27.3722

■ 24.0488, 29.2142,
30.8802

■ 18.3709, 26.3950,
25.7378

■ 26.6319, 30.5070,
32.7569

■ 17.1064, 25.7763,
24.1808

■ 29.5879, 31.9905,
34.7174

■ 16.1198, 25.2995,
22.6995

■ 32.9318, 33.6725,
36.7630

■ 15.3848, 24.9510,
21.2918

■ 36.6777, 35.5603,
38.8951

■ 14.8686, 24.7139,
19.9555

■ 40.8390, 37.6607,
41.1151

■ 14.6432, 24.6122,
19.2913

■ 45.4285, 39.9803,
43.4241

■ 50.4584, 42.5254,
45.8233

■ 55.9405, 45.3021,
48.3141

Harmonies

Analogous

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



22.6791, 28.1028, 22.6068



21.8218, 28.1028, 29.0852



22.2005, 28.1028, 37.1639

Triad

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



21.8218, 28.1028, 29.0852



28.9142, 28.1028, 46.4739



29.9071, 28.1028, 19.9624

Complementary

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



21.8218, 28.1028, 29.0852



21.3246, 17.5377, 18.7853

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.



31.7942, 28.1028, 24.8570



21.8218, 28.1028, 29.0852



31.1942, 28.1028, 40.2830

Square

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



21.8218, 28.1028, 29.0852



26.1769, 28.1028, 48.1233



32.2805, 28.1028, 32.1648



27.2521, 28.1028, 17.9480

Rectangle

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



21.8218, 28.1028, 29.0852



23.1169, 28.1028, 42.3047



32.2805, 28.1028, 32.1648



30.6593, 28.1028, 21.2805

Sweetspot

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



21.8226, 28.1039, 29.0858



50.0665, 55.8229, 60.2734



21.3136, 28.1170, 16.6162



11.1775, 12.5576, 13.5390



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.



21.8226, 28.1039, 29.0858



36.3369, 48.9665, 49.6270



21.1517, 24.8694, 34.6971



6.3113, 6.9973, 7.5629



11.7778, 19.7746, 15.5821



0.1912, 0.3017, 0.3126

Inverse Universe

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



21.3246, 17.5377, 18.7853



35.3105, 27.0692, 28.3086



21.7391, 19.6524, 14.9600



6.2758, 6.2495, 6.8326



11.2230, 5.7434, 2.4332



0.1817, 0.0914, 0.1098

Previews

White Background



This preview shows how the XYZ color 21.8218, 28.1028, 29.0852 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 21.8218, 28.1028, 29.0852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

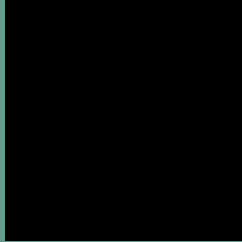
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8218, 28.1028, 29.0852

Background



This preview shows how black text looks on a background with the XYZ color 21.8218, 28.1028, 29.0852.

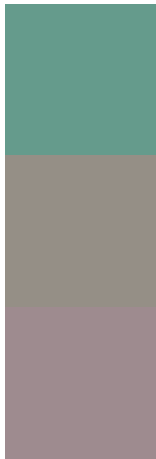


This preview shows how white text looks on a background with the XYZ color 21.8218, 28.1028,

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

21.8218, 28.1028, 29.0852

Protanopia

26.5200, 27.7557, 26.5139

Deuteranopia

28.2911, 27.7175, 29.8455



Tritanopia

23.9925, 28.2626, 39.3126

Trichromacy



Original Color

21.8218, 28.1028, 29.0852

Protanomaly

24.3934, 27.5505, 27.3247

Deuteranomaly

25.3244, 27.5222, 29.5688

Tritanomaly

23.1333, 28.1523, 35.2250

Monochromacy



Original Color

21.8218, 28.1028, 29.0852

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8729, 26.0666, 27.8706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8218, 28.1028, 29.0852 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, 155, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 155, 140)  
}
```

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, 155, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 155, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.8218, 28.1028, 29.0852 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, 155, 140) }
```


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

```
.border{ border-color:rgb(101, 155, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 155, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 155, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 155, 140); box-shadow:4px 4px 4px 4px rgb(101, 155, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8218, 28.1028, 29.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 155, 140) }
```

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

```
.background{ background-color: rgb(101,  
155, 140) }
```

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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