

Converting Colors

XYZ(21.7048, 29.0698, 28.2860)

Have a look what the booklet for
XYZ(21.7048, 29.0698, 28.2860)
contains.

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Color

**XYZ(21.6328, 29.0353,
28.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9F89
RGB	95, 159, 137
RGB Percent	37%, 62%, 54%
CMY	0.6274, 0.3765, 0.4627
CMYK	0.40, 0.00, 0.14, 0.38
HSL	159°, 25%, 50%
HSV	159°, 40%, 62%
XYZ	21.6328, 29.0353, 28.1311
YIQ	137.3560, -31.0820, -20.4100

Conversions

Conversions Part 2

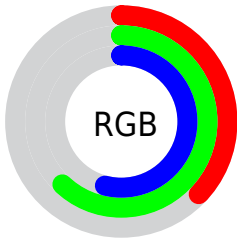
Format	Color
R_{YB}	95, 134, 159
Decimal	6266761
CIE _{Lab}	60.81, -25.81, 5.05
CIE _{LCh}	61, 26.302, 168.920
Yxy	29.0353, 0.2745, 0.3685
Android (android.graphics.Color)	4284456841 (0xFF5F9F89)
YUV	137.3560, -0.1755, -37.1462
Hunter-Lab	53.8844, -22.6359, 6.7659

Details

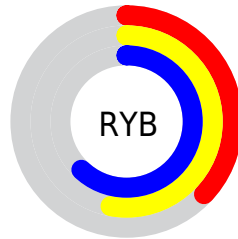
The XYZ color **21.6328, 29.0353, 28.1311** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6021, 16.8404, 18.9427**, and the grayscale version is **23.9223, 25.1681, 27.4081**.

A 20% lighter version of the original color is **45.5536, 58.1067, 57.5300**, and **7.9743, 11.7171, 10.8582** is the 20% darker color. If you saturate the color by 10%, you get **19.7647, 28.1172, 26.0488**, and if you desaturate by 10%, it is **23.8596, 30.1375, 30.3351**.

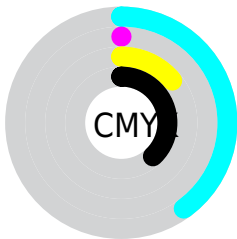
Distribution



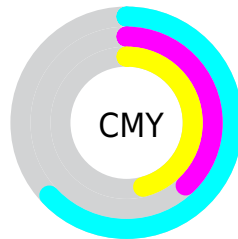
- Red (37%)
- Green (62%)
- Blue (54%)



- Red (37%)
- Yellow (53%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6328, 29.0353, 28.1311 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 21.6328, 29.0353, 28.1311 by changing the saturation by 10% instead.

■ 21.6328, 29.0353,
28.1311

■ 21.6328, 29.0353,
28.1311

253.2912,
297.3815, 307.0245

■ 13.7024, 19.1075,
18.1846

■ 45.6217, 58.1332,
57.7193

■ 7.9943, 11.7480,
10.9118

■ 62.4110, 78.0720,
78.1981

■ 4.1431, 6.5723,
5.8941

■ 82.8839, 102.1168,
103.0247

■ 1.7834, 3.1961,
2.7131

■ 107.4059,
130.6517, 132.6177

■ 0.5076, 1.2350,
0.9500

136.3423,
164.0612, 167.3957

■ 0.0000, 0.0900,
0.0000

170.0584,

■ 0.0000, 0.0000,

202.7298, 207.7771

0.0000

208.9195,
247.0417, 254.1805

■ 21.6328, 29.0353,
28.1311

■ 21.6328, 29.0353,
28.1311

■ 19.7647, 28.1172,
26.0488

■ 23.8596, 30.1375,
30.3351

■ 18.2318, 27.3688,
24.0838

■ 26.4617, 31.4302,
32.6613

■ 17.0118, 26.7796,
22.2341

■ 29.4578, 32.9236,
35.1126

■ 16.0783, 26.3358,
20.4969

■ 32.8645, 34.6262,
37.6911

■ 15.4005, 26.0217,
18.8691

■ 36.6974, 36.5462,
40.3991

■ 14.9148, 25.8037,
17.3826

■ 40.9714, 38.6911,
43.2386

■ 45.7005, 41.0682,
46.2117

■ 50.8983, 43.6843,
49.3201

■ 56.5774, 46.5461,
52.5660

Harmonies

Analogous

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



22.9303, 29.0353, 20.7821



21.6328, 29.0353, 28.1311



21.8313, 29.0353, 38.1240

Triad

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



21.6328, 29.0353, 28.1311



29.7852, 29.0353, 52.9904



32.1486, 29.0353, 19.4353

Complementary

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



21.6328, 29.0353, 28.1311



21.6021, 16.8404, 18.9427

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.



34.2982, 29.0353, 25.8916



21.6328, 29.0353, 28.1311



32.8578, 29.0353, 45.6775

Square

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



21.6328, 29.0353, 28.1311



26.3524, 29.0353, 53.9366



34.5680, 29.0353, 35.3742



28.8805, 29.0353, 16.4980

Rectangle

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



21.6328, 29.0353, 28.1311



22.7898, 29.0353, 44.9862



34.5680, 29.0353, 35.3742



33.0371, 29.0353, 21.1959

Sweetspot

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



21.6336, 29.0365, 28.1318



51.6361, 58.4028, 61.9952



21.8546, 29.4334, 15.3563



11.4908, 13.0918, 13.8560



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6336, 29.0365, 28.1318



35.8076, 50.5555, 47.1363



21.7891, 26.5589, 36.7802



6.7249, 7.4707, 7.9858



11.7998, 20.3879, 13.8348



0.2301, 0.3722, 0.3480

Inverse Universe

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



21.6021, 16.8404, 18.9427



35.7509, 25.7386, 28.4742



21.3754, 18.2198, 13.2171



6.7225, 6.6819, 7.3897



11.8494, 6.0443, 3.4579



0.2307, 0.1156, 0.1612

Previews

White Background



This preview shows how the XYZ color 21.6328, 29.0353, 28.1311 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 21.6328, 29.0353, 28.1311 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 21.6328, 29.0353, 28.1311

Background



This preview shows how black text looks on a background with the XYZ color 21.6328, 29.0353, 28.1311.



This preview shows how white text looks on a background with the XYZ color 21.6328, 29.0353,

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

21.6328, 29.0353, 28.1311

Protanopia

27.2570, 28.8449, 25.2501

Deuteranopia

29.2329, 28.6542, 29.1894



Tritanopia

24.1759, 29.0575, 40.8937

Trichromacy



Original Color

21.6328, 29.0353, 28.1311

Protanomaly

24.6603, 28.6520, 26.4209

Deuteranomaly

25.8048, 28.4765, 28.9474

Tritanomaly

23.0348, 28.8299, 35.8032

Monochromacy



Original Color

21.6328, 29.0353, 28.1311

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.6668, 26.1945, 27.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6328, 29.0353, 28.1311 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(95, 159, 137)` looks like.

```
.text, #text, p{  
  color:rgb(95, 159, 137)  
}
```

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(95, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 159, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.6328, 29.0353, 28.1311 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(95, 159, 137) }
```


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

```
.border{ border-color:rgb(95, 159, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 159, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 159, 137);  
box-shadow:4px 4px 4px 4px rgb(95, 159,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6328, 29.0353, 28.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 159, 137) }
```

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

```
.background{ background-color: rgb(95, 159,  
137) }
```

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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