

Converting Colors

XYZ(21.1362, 26.8492, 29.2615)

Have a look what the booklet for
XYZ(21.1362, 26.8492, 29.2615)
contains.

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Color

**XYZ(21.1299, 26.7656,
29.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	64978D
RGB	100, 151, 141
RGB Percent	39%, 59%, 55%
CMY	0.6078, 0.4078, 0.4471
CMYK	0.34, 0.00, 0.07, 0.41
HSL	168°, 20%, 49%
HSV	168°, 34%, 59%
XYZ	21.1299, 26.7656, 29.2519
YIQ	134.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

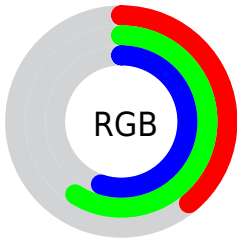
Format	Color
R_{YB}	100, 128, 151
Decimal	6592397
CIE _{Lab}	58.76, -19.33, -0.16
CIE _{LCh}	59, 19.335, 180.474
Yxy	26.7656, 0.2739, 0.3469
Android (android.graphics.Color)	4284782477 (0xFF64978D)
YUV	134.6110, 3.1498, -30.3538
Hunter-Lab	51.7355, -17.6338, 2.6915

Details

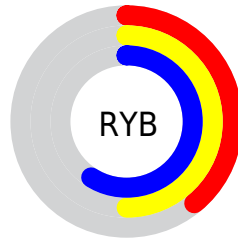
The XYZ color **21.1299, 26.7656, 29.2519** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1351, 16.8203, 16.9385**, and the grayscale version is **22.8817, 24.0733, 26.2158**.

A 20% lighter version of the original color is **44.8185, 54.3751, 59.7630**, and **7.7609, 10.5478, 11.5244** is the 20% darker color. If you saturate the color by 10%, you get **19.3948, 25.8969, 28.0363**, and if you desaturate by 10%, it is **23.1820, 27.7984, 30.5143**.

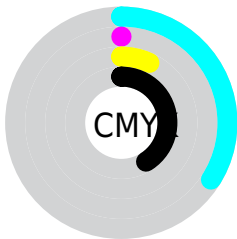
Distribution



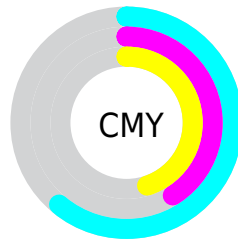
- Red (39%)
- Green (59%)
- Blue (55%)



- Red (39%)
- Yellow (50%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1299, 26.7656, 29.2519 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 21.1299, 26.7656, 29.2519 by changing the saturation by 10% instead.

■ 21.1299, 26.7656,
29.2519

■ 21.1299, 26.7656,
29.2519

250.6867,
286.5204, 312.4997

■ 13.3320, 17.3973,
19.0242

■ 44.7933, 54.5075,
59.5240

■ 7.7361, 10.5181,
11.5108

■ 61.3894, 73.6499,
80.4056

■ 3.9769, 5.7438,
6.2930

■ 81.6491, 96.8190,
105.6755

■ 1.6891, 2.6899,
2.9524

■ 105.9375,
124.3993, 135.7523

■ 0.4494, 0.9721,
1.0704

134.6202,
156.7752, 171.0546

■ 0.0000, 0.0000,
0.0000

168.0623,

194.3311, 212.0009

206.6294,
237.4514, 259.0098

■ 21.1299, 26.7656,
29.2519

■ 21.1299, 26.7656,
29.2519

■ 19.3948, 25.8969,
28.0363

■ 23.1820, 27.7984,
30.5143

■ 17.9573, 25.1803,
26.8645

■ 25.5646, 29.0002,
31.8226

■ 16.7992, 24.6071,
25.7361

■ 28.2934, 30.3797,
33.1783

■ 15.8995, 24.1664,
24.6498

■ 31.3822, 31.9442,
34.5823

■ 15.2342, 23.8459,
23.6043

■ 34.8440, 33.7003,
36.0355

■ 14.7745, 23.6307,
22.5980

■ 38.6915, 35.6544,
37.5386

■ 14.5422, 23.5241,
21.9888

■ 42.9363, 37.8127,
39.0924

■ 47.5899, 40.1810,
40.6977

■ 52.6632, 42.7649,
42.3553

Harmonies

Analogous

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



21.6596, 26.7656, 23.1459



21.1299, 26.7656, 29.2519



21.6937, 26.7656, 36.3134

Triad

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



21.1299, 26.7656, 29.2519



27.8338, 26.7656, 41.9709



27.7641, 26.7656, 19.1560

Complementary

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



21.1299, 26.7656, 29.2519



20.1351, 16.8203, 16.9385

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.



29.5943, 26.7656, 22.9850



21.1299, 26.7656, 29.2519



29.6363, 26.7656, 36.0961

Square

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



21.1299, 26.7656, 29.2519



25.4778, 26.7656, 44.3235



30.2994, 26.7656, 29.0347



25.4020, 26.7656, 17.8974

Rectangle

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



21.1299, 26.7656, 29.2519



22.6353, 26.7656, 40.4751



30.2994, 26.7656, 29.0347



28.4671, 26.7656, 20.1523

Sweetspot

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



21.1307, 26.7667, 29.2525



47.4554, 52.7796, 57.8461



19.8231, 26.3822, 16.1048



10.6462, 11.9255, 13.0768



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.1307, 26.7667, 29.2525



35.2967, 46.6587, 50.6268



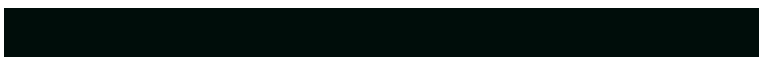
19.6043, 22.4686, 32.5829



6.3326, 7.0058, 7.6751



12.3810, 20.0158, 18.7587



0.1969, 0.3040, 0.3426

Inverse Universe

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



20.1351, 16.8203, 16.9385



33.2237, 25.8941, 24.9457



21.2287, 19.8303, 14.7660



6.2559, 6.2415, 6.7275



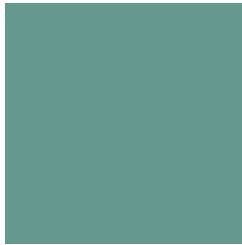
11.0611, 5.6787, 1.5809



0.1760, 0.0892, 0.0797

Previews

White Background



This preview shows how the XYZ color 21.1299, 26.7656, 29.2519 looks on a white background.

Color Contrast Check

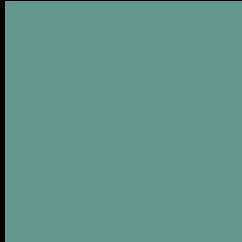
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1299, 26.7656, 29.2519 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

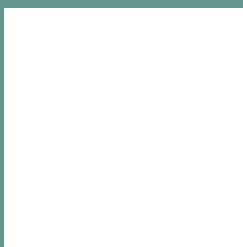
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1299, 26.7656, 29.2519

Background



This preview shows how black text looks on a background with the XYZ color 21.1299, 26.7656, 29.2519.

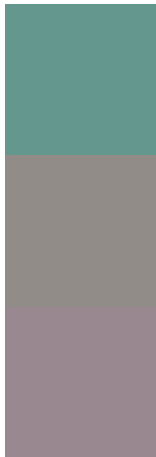


This preview shows how white text looks on a background with the XYZ color 21.1299, 26.7656,

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

21.1299, 26.7656, 29.2519

Protanopia

25.4283, 26.5252, 26.7013

Deuteranopia

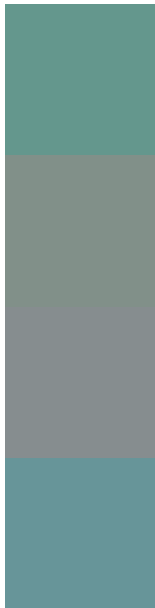
26.9751, 26.3942, 30.0584



Tritanopia

22.6440, 26.6609, 37.2103

Trichromacy



Original Color

21.1299, 26.7656, 29.2519

Protanomaly

23.5419, 26.4198, 27.5257

Deuteranomaly

24.3143, 26.1013, 29.7431

Tritanomaly

22.0907, 26.6784, 34.1221

Monochromacy



Original Color

21.1299, 26.7656, 29.2519

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0663, 24.9935, 27.3281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1299, 26.7656, 29.2519 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(100, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(100, 151, 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(100, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 151, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.1299, 26.7656, 29.2519 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(100, 151, 141) }
```


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

```
.border{ border-color:rgb(100, 151, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(100, 151,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1299, 26.7656, 29.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 151, 141) }
```

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

```
.background{ background-color: rgb(100,  
151, 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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