

Converting Colors

XYZ(21.0624, 30.2962, 29.6017)

Have a look what the booklet for
XYZ(21.0624, 30.2962, 29.6017)
contains.

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Color

**XYZ(21.0128, 30.2596,
29.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA58C
RGB	74, 165, 140
RGB Percent	29%, 65%, 55%
CMY	0.7098, 0.3529, 0.4510
CMYK	0.55, 0.00, 0.15, 0.35
HSL	164°, 38%, 47%
HSV	164°, 55%, 65%
XYZ	21.0128, 30.2596, 29.5441
YIQ	134.9410, -46.2110, -27.0670

Conversions

Conversions Part 2

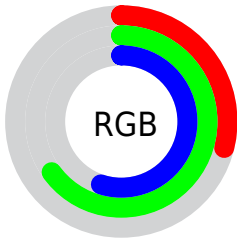
Format	Color
RYB	74, 127, 165
Decimal	4892044
CIELab	61.88, -33.35, 4.79
CIELCh	62, 33.689, 171.822
Yxy	30.2596, 0.2600, 0.3744
Android (android.graphics.Color)	4283082124 (0xFF4AA58C)
YUV	134.9410, 2.4941, -53.4453
Hunter-Lab	55.0087, -28.0800, 6.6626

Details

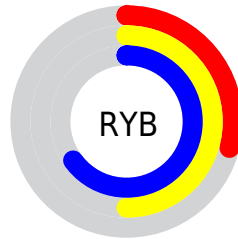
The XYZ color **21.0128, 30.2596, 29.5441** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.2190, 13.7985, 13.4032**, and the grayscale version is **23.0113, 24.2097, 26.3643**.

A 20% lighter version of the original color is **44.8000, 60.3538, 60.3272**, and **7.6396, 12.3265, 11.6495** is the 20% darker color. If you saturate the color by 10%, you get **19.5780, 29.5585, 27.7683**, and if you desaturate by 10%, it is **22.7962, 31.1403, 31.4095**.

Distribution



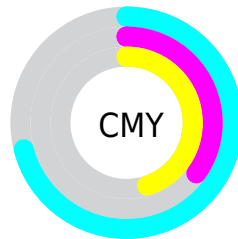
- Red (29%)
- Green (65%)
- Blue (55%)



- Red (29%)
- Yellow (50%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0128, 30.2596, 29.5441 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 21.0128, 30.2596, 29.5441 by changing the saturation by 10% instead.

■ 21.0128, 30.2596,
29.5441

■ 21.0128, 30.2596,
29.5441

250.0769,
303.1126, 313.9145

■ 13.2459, 20.0357,
19.2437

■ 44.6000, 60.0725,
59.9929

■ 7.6762, 12.4210,
11.6679

■ 61.1509, 80.4303,
80.9784

■ 3.9385, 7.0311,
6.3982

■ 81.3605, 104.9348,
106.3626

■ 1.6674, 3.4815,
3.0160

■ 105.5943,
133.9705, 136.5642

■ 0.4357, 1.3880,
1.1028

■ 134.2174,
167.9217, 172.0017

■ 0.0000, 0.2079,
0.0000

167.5953,

■ 0.0000, 0.0000,

207.1729, 213.0935

0.0000

206.0934,
252.1084, 260.2582

■ 21.0128, 30.2596,
29.5441

■ 21.0128, 30.2596,
29.5441

■ 19.5780, 29.5585,
27.7683

■ 22.7962, 31.1403,
31.4095

■ 18.4625, 29.0197,
26.0778

■ 24.9497, 32.2095,
33.3643

■ 17.6362, 28.6285,
24.4710

■ 27.4959, 33.4794,
35.4110

■ 17.0605, 28.3649,
22.9452

■ 30.4547, 34.9604,
37.5515

■ 16.8258, 28.2594,
22.2321

■ 33.8449, 36.6622,
39.7873

■ 37.6840, 38.5936,
42.1201

■ 41.9884, 40.7632,
44.5514

■ 46.7738, 43.1791,
47.0827

■ 52.0551, 45.8489,
49.7155

Harmonies

Analogous

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



22.4767, 30.2596, 19.8729



21.0128, 30.2596, 29.5441



21.4477, 30.2596, 43.0526

Triad

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



21.0128, 30.2596, 29.5441



32.1013, 30.2596, 61.7493



34.4522, 30.2596, 17.0449

Complementary

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



21.0128, 30.2596, 29.5441



20.2190, 13.7985, 13.4032

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.



37.5720, 30.2596, 24.5620



21.0128, 30.2596, 29.5441



36.1191, 30.2596, 50.7768

Square

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



21.0128, 30.2596, 29.5441



27.5465, 30.2596, 64.0963



38.2118, 30.2596, 36.6029



30.0103, 30.2596, 13.9917

Rectangle

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



21.0128, 30.2596, 29.5441



22.7783, 30.2596, 52.4055



38.2118, 30.2596, 36.6029



35.7087, 30.2596, 19.0231

Sweetspot

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



21.0136, 30.2608, 29.5448



53.3308, 62.0031, 66.4067



19.9237, 30.1030, 11.2394



11.4360, 13.4433, 14.3593



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.0136, 30.2608, 29.5448



34.6050, 52.7135, 49.0933



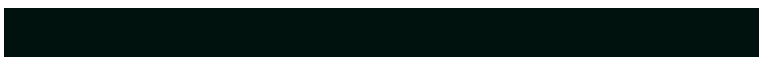
19.7853, 24.5111, 39.2871



7.1927, 7.9779, 8.6264



12.7502, 21.3864, 16.9329



0.2862, 0.4567, 0.4520

Inverse Universe

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



20.2190, 13.7985, 13.4032



33.0675, 20.2313, 17.3950



20.7316, 16.4497, 8.5615



7.1500, 7.1165, 7.7764



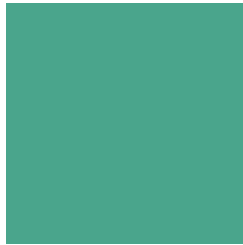
12.1207, 6.2043, 2.5603



0.2735, 0.1379, 0.1530

Previews

White Background



This preview shows how the XYZ color 21.0128, 30.2596, 29.5441 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21.0128, 30.2596, 29.5441 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 ✓ Pass

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

XYZ 21.0128, 30.2596, 29.5441

Background



This preview shows how black text looks on a background with the XYZ color 21.0128, 30.2596, 29.5441.

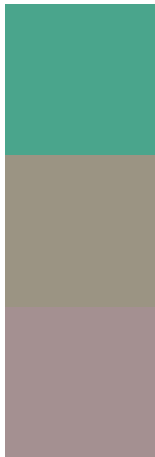


This preview shows how white text looks on a background with the XYZ color 21.0128, 30.2596,

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

21.0128, 30.2596, 29.5441

Protanopia

28.2042, 29.7871, 25.7357

Deuteranopia

30.3939, 29.8834, 30.9542



Tritanopia

23.8599, 30.0900, 44.0856

Trichromacy



Original Color

21.0128, 30.2596, 29.5441

Protanomaly

24.4629, 29.2681, 26.9142

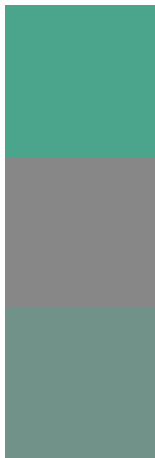
Deuteranomaly

25.5462, 29.2649, 30.2889

Tritanomaly

22.7467, 30.1632, 38.3414

Monochromacy



Original Color

21.0128, 30.2596, 29.5441

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.6043, 25.8746, 27.5225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0128, 30.2596, 29.5441 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(74, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(74, 165, 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(74, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 165, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.0128, 30.2596, 29.5441 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(74, 165, 140) }
```


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

```
.border{ border-color:rgb(74, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(74, 165,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0128, 30.2596, 29.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 165, 140) }
```

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

```
.background{ background-color: rgb(74, 165,  
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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