

Converting Colors

XYZ(19.7171, 26.0347, 29.1897)

Have a look what the booklet for
XYZ(19.7171, 26.0347, 29.1897)
contains.

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Color

**XYZ(19.7121, 26.0347,
29.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	56978D
RGB	86, 151, 141
RGB Percent	34%, 59%, 55%
CMY	0.6627, 0.4078, 0.4471
CMYK	0.43, 0.00, 0.07, 0.41
HSL	171°, 27%, 46%
HSV	171°, 43%, 59%
XYZ	19.7121, 26.0347, 29.1856
YIQ	130.4250, -35.5300, -16.8900

Conversions

Conversions Part 2

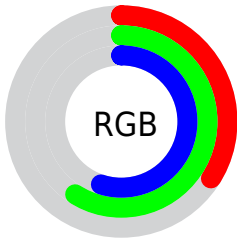
Format	Color
R_{YB}	86, 121, 151
Decimal	5674893
CIE _{Lab}	58.07, -23.31, -1.25
CIE _{LCh}	58, 23.339, 183.062
Yxy	26.0347, 0.2631, 0.3474
Android (android.graphics.Color)	4283864973 (0xFF56978D)
YUV	130.4250, 5.2135, -38.9607
Hunter-Lab	51.0242, -20.3328, 1.8034

Details

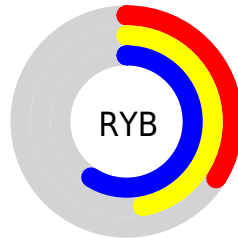
The XYZ color **19.7121, 26.0347, 29.1856** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2025, 14.0802, 12.8257**, and the grayscale version is **21.3604, 22.4728, 24.4729**.

A 20% lighter version of the original color is **42.3291, 53.0917, 59.6465**, and **7.0412, 10.1768, 11.4907** is the 20% darker color. If you saturate the color by 10%, you get **18.2951, 25.3246, 28.2267**, and if you desaturate by 10%, it is **21.4280, 26.8997, 30.1785**.

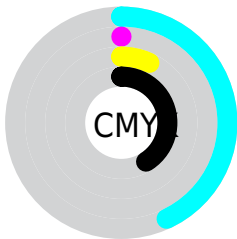
Distribution



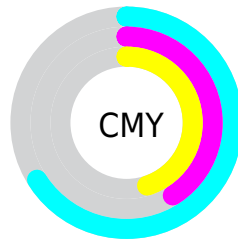
- Red (34%)
- Green (59%)
- Blue (55%)



- Red (34%)
- Yellow (47%)
- Blue (59%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7121, 26.0347, 29.1856 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 19.7121, 26.0347, 29.1856 by changing the saturation by 10% instead.

■ 19.7121, 26.0347,
29.1856

■ 19.7121, 26.0347,
29.1856

243.2156,
282.9524, 312.1780

■ 12.2930, 16.8496,
18.9745

■ 42.4416, 53.3309,
59.4175

■ 7.0172, 10.1273,
11.4752

■ 58.4827, 72.2108,
80.2754

■ 3.5193, 5.4835,
6.2693

■ 78.1285, 95.0911,
105.5193

■ 1.4339, 2.5336,
2.9381

■ 101.7444,
122.3562, 135.5678

■ 0.2802, 0.8934,
1.0631

129.6957,
154.3905, 170.8394

■ 0.0000, 0.0000,
0.0000

162.3478,

191.5784, 211.7525

200.0660,
234.3042, 258.7259

■ 19.7121, 26.0347,
29.1856

■ 19.7121, 26.0347,
29.1856

■ 18.2951, 25.3246,
28.2267

■ 21.4280, 26.8997,
30.1785

■ 17.1560, 24.7568,
27.2991

■ 23.4575, 27.9254,
31.2046

■ 16.2749, 24.3214,
26.4023

■ 25.8172, 29.1208,
32.2653

■ 15.6278, 24.0064,
25.5350

■ 28.5218, 30.4936,
33.3615

■ 15.1866, 23.7970,
24.6958

■ 31.5851, 32.0509,
34.4937

■ 14.9481, 23.6865,
24.1263

■ 35.0200, 33.7994,
35.6629

■ 38.8390, 35.7454,
36.8697

■ 43.0539, 37.8951,
38.1147

■ 47.6760, 40.2542,
39.3985

Harmonies

Analogous

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



20.2157, 26.0347, 21.8732



19.7121, 26.0347, 29.1856



20.4700, 26.0347, 37.6996

Triad

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



19.7121, 26.0347, 29.1856



27.8254, 26.0347, 43.4697



27.2860, 26.0347, 16.6266

Complementary

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



19.7121, 26.0347, 29.1856



18.2025, 14.0802, 12.8257

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.



29.5777, 26.0347, 20.6858



19.7121, 26.0347, 29.1856



29.9053, 26.0347, 35.9874

Square

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



19.7121, 26.0347, 29.1856



25.0362, 26.0347, 46.8717



30.5695, 26.0347, 27.5253



24.4565, 26.0347, 15.4876

Rectangle

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



19.7121, 26.0347, 29.1856



21.6251, 26.0347, 42.6727



30.5695, 26.0347, 27.5253



28.1518, 26.0347, 17.6512

Sweetspot

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



19.7128, 26.0357, 29.1862



46.1367, 52.1007, 57.7397



17.6592, 25.3384, 12.7648



10.2773, 11.7359, 13.0332



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.



19.7128, 26.0357, 29.1862



32.7641, 45.3522, 50.5495



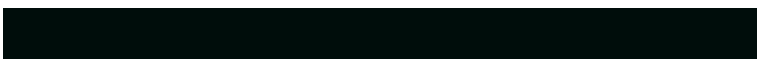
17.3187, 20.0022, 32.2273



6.3437, 7.0102, 7.7335



12.7246, 20.1533, 20.5684



0.1999, 0.3052, 0.3586

Inverse Universe

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



18.2025, 14.0802, 12.8257



29.6931, 20.9572, 17.2201



19.7706, 17.9070, 11.2191



6.2456, 6.2374, 6.6736



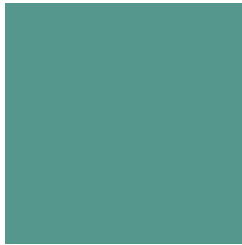
10.9982, 5.6535, 1.2496



0.1731, 0.0880, 0.0642

Previews

White Background



This preview shows how the XYZ color 19.7121, 26.0347, 29.1856 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 19.7121, 26.0347, 29.1856 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 19.7121, 26.0347, 29.1856

Background



This preview shows how black text looks on a background with the XYZ color 19.7121, 26.0347, 29.1856.

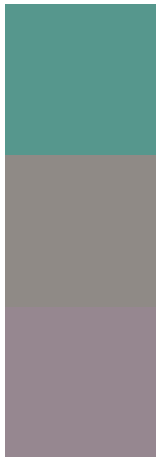


This preview shows how white text looks on a background with the XYZ color 19.7121, 26.0347,

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

19.7121, 26.0347, 29.1856

Protanopia

24.7192, 25.7378, 26.2193

Deuteranopia

26.2757, 25.8256, 29.9855



Tritanopia

21.2495, 25.9420, 37.1451

Trichromacy



Original Color

19.7121, 26.0347, 29.1856

Protanomaly

22.3639, 25.5886, 27.4273

Deuteranomaly

23.2352, 25.5449, 29.6926

Tritanomaly

20.6170, 25.9186, 34.0532

Monochromacy



Original Color

19.7121, 26.0347, 29.1856

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.3310, 23.4756, 26.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7121, 26.0347, 29.1856 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(86, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(86, 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(86, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 151, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.7121, 26.0347, 29.1856 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(86, 151, 141) }
```


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

```
.border{ border-color:rgb(86, 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(86, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(86, 151,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7121, 26.0347, 29.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 151, 141) }
```

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

```
.background{ background-color: rgb(86, 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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