

Converting Colors

XYZ(21.0131, 26.6703, 27.1127)

Have a look what the booklet for
XYZ(21.0131, 26.6703, 27.1127)
contains.

XYZ(21.0333, 26.7661, 26.9795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.0333, 26.7661,
26.9795)**

Conversions

Conversions Part 1

Format	Color
Hex	679787
RGB	103, 151, 135
RGB Percent	40%, 59%, 53%
CMY	0.5961, 0.4078, 0.4706
CMYK	0.32, 0.00, 0.11, 0.41
HSL	160°, 19%, 50%
HSV	160°, 32%, 59%
XYZ	21.0333, 26.7661, 26.9795
YIQ	134.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

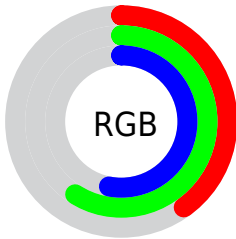
Format	Color
RYB	103, 132, 151
Decimal	6788999
CIELab	58.76, -19.80, 3.27
CIElCh	59, 20.067, 170.613
Yxy	26.7661, 0.2813, 0.3579
Android (android.graphics.Color)	4284979079 (0xFF679787)
YUV	134.8240, 0.0868, -27.9096
Hunter-Lab	51.7360, -17.9686, 5.2964

Details

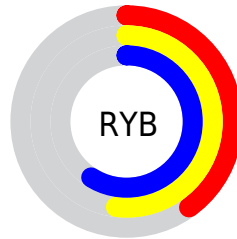
The XYZ color **21.0333, 26.7661, 26.9795** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9434, 17.6123, 19.7495**, and the grayscale version is **22.9704, 24.1667, 26.3175**.

A 20% lighter version of the original color is **44.4260, 54.2620, 55.7091**, and **7.6651, 10.5271, 10.2223** is the 20% darker color. If you saturate the color by 10%, you get **19.1093, 25.8150, 25.0832**, and if you desaturate by 10%, it is **23.2884, 27.8874, 28.9799**.

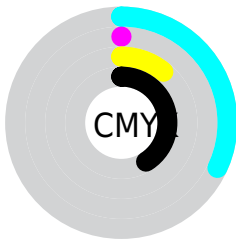
Distribution



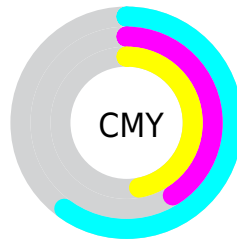
- Red (40%)
- Green (59%)
- Blue (53%)



- Red (40%)
- Yellow (52%)
- Blue (59%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0333, 26.7661, 26.9795 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 21.0333, 26.7661, 26.9795 by changing the saturation by 10% instead.

■ 21.0333, 26.7661,
26.9795

■ 21.0333, 26.7661,
26.9795

250.1838,
286.5228, 301.3149

■ 13.2609, 17.3976,
17.3255

■ 44.6338, 54.5083,
55.8543

■ 7.6867, 10.5184,
10.3024

■ 61.1927, 73.6508,
75.9122

■ 3.9453, 5.7440,
5.4917

■ 81.4111, 96.8202,
100.2752

■ 1.6712, 2.6900,
2.4748

■ 105.6544,
124.4007, 129.3618

■ 0.4381, 0.9721,
0.8268

134.2880,
156.7769, 163.5905

■ 0.0000, 0.0000,
0.0000

167.6771,

194.3330, 203.3799

206.1873,
237.4535, 249.1485

■ 21.0333, 26.7661,
26.9795

■ 21.0333, 26.7661,
26.9795

■ 19.1093, 25.8150,
25.0832

■ 23.2884, 27.8874,
28.9799

■ 17.4971, 25.0219,
23.2873

■ 25.8881, 29.1837,
31.0845

■ 16.1788, 24.3785,
21.5902

■ 28.8479, 30.6637,
33.2958

■ 15.1335, 23.8740,
19.9897

■ 32.1818, 32.3345,
35.6156

■ 14.3378, 23.4963,
18.4835

■ 35.9029, 34.2029,
38.0455

■ 13.7638, 23.2311,
17.0689

■ 40.0237, 36.2752,
40.5872

■ 13.3997, 23.0673,
15.9722

■ 44.5561, 38.5577,
43.2425

■ 49.5114, 41.0561,
46.0128

■ 54.9008, 43.7761,
48.8996

Harmonies

Analogous

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



21.9409, 26.7661, 21.3314



21.0333, 26.7661, 26.9795



21.2460, 26.7661, 34.2034

Triad

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



21.0333, 26.7661, 26.9795



27.1506, 26.7661, 43.8311



28.5771, 26.7661, 19.8384

Complementary

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



21.0333, 26.7661, 26.9795



20.9434, 17.6123, 19.7495

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.



30.1534, 26.7661, 24.6094



21.0333, 26.7661, 26.9795



29.2935, 26.7661, 38.6627

Square

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



21.0333, 26.7661, 26.9795



24.6730, 26.7661, 44.7420



30.4237, 26.7661, 31.4207



26.2235, 26.7661, 17.6712

Rectangle

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



21.0333, 26.7661, 26.9795



22.0002, 26.7661, 38.9328



30.4237, 26.7661, 31.4207



29.2217, 26.7661, 21.1507

Sweetspot

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



21.0341, 26.7672, 26.9801



47.1585, 52.6608, 56.2823



21.2337, 27.0925, 16.9425



10.5705, 11.8952, 12.6781



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.



21.0341, 26.7672, 26.9801



35.2041, 46.7148, 45.9283



21.1233, 25.0050, 32.9926



6.2970, 6.9915, 7.4873



11.4125, 19.6285, 13.6587



0.1873, 0.3001, 0.2921

Inverse Universe

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



20.9434, 17.6123, 19.7495



35.0193, 27.7317, 30.9506



20.8090, 18.7543, 15.3555



6.2895, 6.2550, 6.9046



11.3655, 5.8004, 3.1839



0.1856, 0.0930, 0.1302

Previews

White Background



This preview shows how the XYZ color 21.0333, 26.7661, 26.9795 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 21.0333, 26.7661, 26.9795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

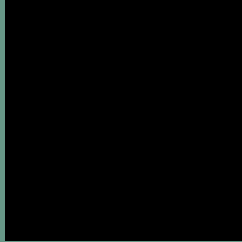
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0333, 26.7661, 26.9795

Background



This preview shows how black text looks on a background with the XYZ color 21.0333, 26.7661, 26.9795.



This preview shows how white text looks on a background with the XYZ color 21.0333, 26.7661,

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

21.0333, 26.7661, 26.9795

Protanopia

25.1946, 26.4521, 24.5468

Deuteranopia

26.9092, 26.4119, 27.7245



Tritanopia

22.8761, 26.5588, 36.7215

Trichromacy



Original Color

21.0333, 26.7661, 26.9795

Protanomaly

23.2759, 26.3310, 25.3284

Deuteranomaly

24.1936, 26.0901, 27.4277

Tritanomaly

22.0388, 26.4460, 32.7972

Monochromacy



Original Color

21.0333, 26.7661, 26.9795

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0664, 25.0100, 26.5861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0333, 26.7661, 26.9795 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(103, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 135)  
}
```

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(103, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.0333, 26.7661, 26.9795 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(103, 151, 135) }
```


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

```
.border{ border-color:rgb(103, 151, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 151, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 151, 135);  
box-shadow:4px 4px 4px 4px rgb(103, 151,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0333, 26.7661, 26.9795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 135) }
```

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

```
.background{ background-color: rgb(103,  
151, 135) }
```

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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