

Converting Colors

XYZ(21.1034, 27.0277, 27.1534)

Have a look what the booklet for
XYZ(21.1034, 27.0277, 27.1534)
contains.

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Color

**XYZ(21.0809, 27.0305,
27.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	669887
RGB	102, 152, 135
RGB Percent	40%, 60%, 53%
CMY	0.6000, 0.4039, 0.4706
CMYK	0.33, 0.00, 0.11, 0.40
HSL	160°, 20%, 50%
HSV	160°, 33%, 60%
XYZ	21.0809, 27.0305, 27.0280
YIQ	135.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

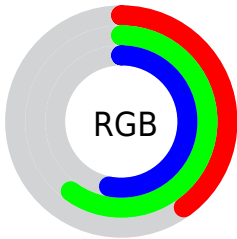
Format	Color
RYB	102, 132, 152
Decimal	6723719
CIELab	59.00, -20.63, 3.62
CIELCh	59, 20.943, 170.045
Yxy	27.0305, 0.2806, 0.3597
Android (android.graphics.Color)	4284913799 (0xFF669887)
YUV	135.1120, -0.0552, -29.0392
Hunter-Lab	51.9909, -18.6071, 5.5711

Details

The XYZ color **21.0809, 27.0305, 27.0280** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0310, 17.5108, 19.7253**, and the grayscale version is **23.0779, 24.2798, 26.4407**.

A 20% lighter version of the original color is **44.6660, 54.7420, 55.7891**, and **7.7095, 10.6933, 10.2520** is the 20% darker color. If you saturate the color by 10%, you get **19.1587, 26.0813, 25.0847**, and if you desaturate by 10%, it is **23.3382, 28.1518, 29.0804**.

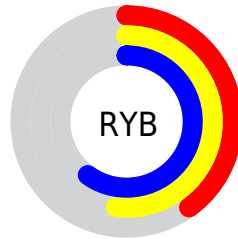
Distribution



Red (40%)

Green (60%)

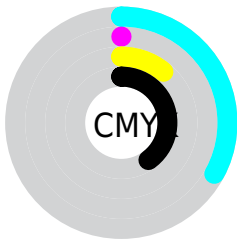
Blue (53%)



Red (40%)

Yellow (52%)

Blue (60%)

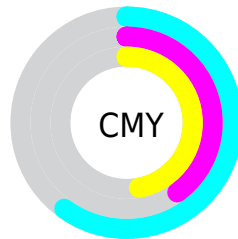


Cyan (33%)

Magenta (0%)

Yellow (11%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0809, 27.0305, 27.0280 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 21.0809, 27.0305, 27.0280 by changing the saturation by 10% instead.

■ 21.0809, 27.0305,
27.0280

■ 21.0809, 27.0305,
27.0280

250.4317,
287.8048, 301.5571

■ 13.2959, 17.5961,
17.3616

■ 44.7124, 54.9328,
55.9331

■ 7.7111, 10.6604,
10.3280

■ 61.2897, 74.1695,
76.0089

■ 3.9609, 5.8390,
5.5085

■ 81.5284, 97.4425,
100.3915

■ 1.6800, 2.7474,
2.4847

■ 105.7940,
125.1361, 129.4996

■ 0.4437, 1.0013,
0.8320

134.4517,
157.6347, 163.7517

■ 0.0000, 0.0000,
0.0000

167.8670,

195.3228, 203.5663

206.4052,
238.5847, 249.3619

■ 21.0809, 27.0305,
27.0280

■ 21.0809, 27.0305,
27.0280

■ 19.1587, 26.0813,
25.0847

■ 23.3382, 28.1518,
29.0804

■ 17.5518, 25.2920,
23.2465

■ 25.9444, 29.4502,
31.2420

■ 16.2417, 24.6536,
21.5119

■ 28.9156, 30.9347,
33.5155

■ 15.2071, 24.1553,
19.8784

■ 32.2659, 32.6125,
35.9027

■ 14.4236, 23.7846,
18.3435

■ 36.0088, 34.4905,
38.4055

■ 13.8623, 23.5265,
16.9045

■ 40.1570, 36.5753,
41.0255

■ 13.5444, 23.3837,
15.9371

■ 44.7227, 38.8731,
43.7646

■ 49.7177, 41.3900,
46.6243

■ 55.1530, 44.1316,
49.6065

Harmonies

Analogous

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



22.0512, 27.0305, 21.1704



21.0809, 27.0305, 27.0280



21.2807, 27.0305, 34.6100

Triad

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



21.0809, 27.0305, 27.0280



27.4413, 27.0305, 45.0128



29.0334, 27.0305, 19.7747

Complementary

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



21.0809, 27.0305, 27.0280



21.0310, 17.5108, 19.7253

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.



30.6736, 27.0305, 24.7974



21.0809, 27.0305, 27.0280



29.7123, 27.0305, 39.6031

Square

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



21.0809, 27.0305, 27.0280



24.8381, 27.0305, 45.8823



30.9300, 27.0305, 31.9737



26.5646, 27.0305, 17.4744

Rectangle

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



21.0809, 27.0305, 27.0280



22.0557, 27.0305, 39.6238



30.9300, 27.0305, 31.9737



29.7068, 27.0305, 21.1567

Sweetspot

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



21.0817, 27.0316, 27.0286



47.1442, 52.6551, 56.2070



21.3039, 27.3743, 16.7318



10.5669, 11.8937, 12.6589



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.



21.0817, 27.0316, 27.0286



34.8186, 46.5289, 45.3310



21.1970, 25.1911, 33.4522



6.2953, 6.9908, 7.4783



11.3711, 19.6119, 13.4405



0.1869, 0.2999, 0.2897

Inverse Universe

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



21.0310, 17.5108, 19.7253



34.7190, 27.2307, 30.5435



20.8701, 18.6797, 15.0764



6.2912, 6.2556, 6.9133



11.3845, 5.8080, 3.2838



0.1861, 0.0932, 0.1327

Previews

White Background



This preview shows how the XYZ color 21.0809, 27.0305, 27.0280 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 21.0809, 27.0305, 27.0280 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 21.0809, 27.0305, 27.0280

Background



This preview shows how black text looks on a background with the XYZ color 21.0809, 27.0305, 27.0280.

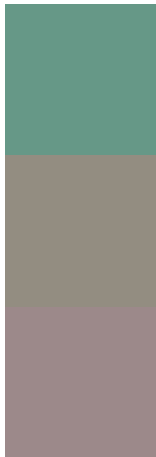


This preview shows how white text looks on a background with the XYZ color 21.0809, 27.0305,

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

21.0809, 27.0305, 27.0280

Protanopia

25.5199, 26.8378, 24.6040

Deuteranopia

27.2434, 26.7942, 27.7807



Tritanopia

23.1194, 26.9060, 37.2326

Trichromacy



Original Color

21.0809, 27.0305, 27.0280

Protanomaly

23.5822, 26.7148, 25.3863

Deuteranomaly

24.3417, 26.3864, 27.4770

Tritanomaly

22.2772, 26.7934, 33.2757

Monochromacy



Original Color

21.0809, 27.0305, 27.0280

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 21.0809, 27.0305, 27.0280 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(102, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(102, 152, 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(102, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 152, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.0809, 27.0305, 27.0280 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(102, 152, 135) }
```


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

```
.border{ border-color:rgb(102, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(102, 152,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0809, 27.0305, 27.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 152, 135) }
```

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

```
.background{ background-color: rgb(102,  
152, 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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