

Converting Colors

XYZ(21.5953, 27.4439, 26.4018)

Have a look what the booklet for
XYZ(21.5953, 27.4439, 26.4018)
contains.

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Color

**XYZ(21.6883, 27.6017,
26.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9985
RGB	107, 153, 133
RGB Percent	42%, 60%, 52%
CMY	0.5804, 0.4000, 0.4784
CMYK	0.30, 0.00, 0.13, 0.40
HSL	154°, 18%, 51%
HSV	154°, 30%, 60%
XYZ	21.6883, 27.6017, 26.3749
YIQ	136.9660, -20.9960, -15.9720

Conversions

Conversions Part 2

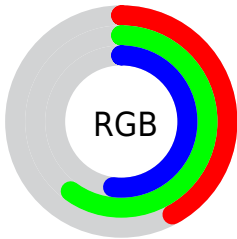
Format	Color
RYB	107, 136, 153
Decimal	7051653
CIELab	59.53, -20.01, 5.55
CIElCh	60, 20.764, 164.509
Yxy	27.6017, 0.2866, 0.3648
Android (android.graphics.Color)	4285241733 (0xFF6B9985)
YUV	136.9660, -1.9552, -26.2802
Hunter-Lab	52.5373, -18.2525, 7.0112

Details

The XYZ color **21.6883, 27.6017, 26.3749** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.2263, 18.8208, 22.5412**, and the grayscale version is **23.7785, 25.0168, 27.2433**.

A 20% lighter version of the original color is **45.9160, 56.1305, 54.8686**, and **8.0389, 11.0127, 10.0895** is the 20% darker color. If you saturate the color by 10%, you get **19.5640, 26.5588, 23.9520**, and if you desaturate by 10%, it is **24.1687, 28.8264, 28.9676**.

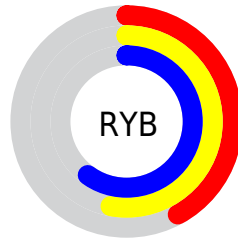
Distribution



Red (42%)

Green (60%)

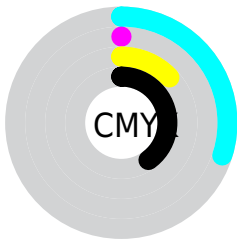
Blue (52%)



Red (42%)

Yellow (53%)

Blue (60%)

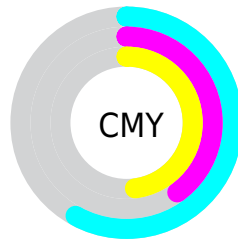


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6883, 27.6017, 26.3749 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 21.6883, 27.6017, 26.3749 by changing the saturation by 10% instead.

■ 21.6883, 27.6017,
26.3749

■ 21.6883, 27.6017,
26.3749

253.5772,
290.5588, 298.2814

■ 13.7434, 18.0256,
16.8760

■ 45.7130, 55.8479,
54.8706

■ 8.0229, 10.9684,
9.9851

■ 62.5234, 75.2868,
74.7046

■ 4.1615, 6.0456,
5.2836

■ 83.0198, 98.7822,
98.8206

■ 1.7939, 2.8728,
2.3530

■ 107.5674,
126.7183, 127.6373

■ 0.5140, 1.0657,
0.7607

136.5315,
159.4796, 161.5732

■ 0.0000, 0.0000,
0.0000

170.2777,

197.4506, 201.0468

209.1711,
241.0155, 246.4767

■ 21.6883, 27.6017,
26.3749

■ 21.6883, 27.6017,
26.3749

■ 19.5640, 26.5588,
23.9520

■ 24.1687, 28.8264,
28.9676

■ 17.7759, 25.6851,
21.6935

■ 27.0195, 30.2377,
31.7318

■ 16.3055, 24.9720,
19.5962

■ 30.2566, 31.8448,
34.6714

■ 15.1314, 24.4084,
17.6562

■ 33.8947, 33.6551,
37.7897

■ 14.2294, 23.9821,
15.8692

■ 37.9473, 35.6754,
41.0898

■ 13.5716, 23.6785,
14.2308

■ 42.4276, 37.9126,
44.5750

■ 13.0907, 23.4630,
12.7439

■ 47.3481, 40.3730,
48.2480

■ 52.7206, 43.0627,
52.1119

■ 58.5566, 45.9875,
56.1695

Harmonies

Analogous

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



22.8705, 27.6017, 20.9226



21.6883, 27.6017, 26.3749



21.6687, 27.6017, 33.8011

Triad

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



21.6883, 27.6017, 26.3749



27.5124, 27.6017, 46.2308



29.9798, 27.6017, 21.0599

Complementary

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



21.6883, 27.6017, 26.3749



22.2263, 18.8208, 22.5412

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.



31.4007, 27.6017, 26.5938



21.6883, 27.6017, 26.3749



29.9133, 27.6017, 41.5162

Square

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



21.6883, 27.6017, 26.3749



24.9165, 27.6017, 46.1458



31.3756, 27.6017, 34.0593



27.5983, 27.6017, 18.2191

Rectangle

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



21.6883, 27.6017, 26.3749



22.3116, 27.6017, 38.9563



31.3756, 27.6017, 34.0593



30.5924, 27.6017, 22.6224

Sweetspot

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



21.6891, 27.6028, 26.3755



48.8730, 54.3912, 57.2801



22.9030, 28.4112, 18.1872



10.6292, 11.9296, 12.4960



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.



21.6891, 27.6028, 26.3755



36.2431, 48.1541, 44.3161



22.8325, 27.4636, 34.2359



6.2710, 6.9811, 7.3505



10.8357, 19.3977, 10.6215



0.1802, 0.2973, 0.2548

Inverse Universe

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



22.2263, 18.8208, 22.5412



37.3630, 29.8672, 36.3378



21.2923, 18.8360, 16.4239



6.3147, 6.2651, 7.0375



11.6992, 5.9339, 4.9410



0.1927, 0.0958, 0.1675

Previews

White Background



This preview shows how the XYZ color 21.6883, 27.6017, 26.3749 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 21.6883, 27.6017, 26.3749 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 21.6883, 27.6017, 26.3749

Background



This preview shows how black text looks on a background with the XYZ color 21.6883, 27.6017, 26.3749.



This preview shows how white text looks on a background with the XYZ color 21.6883, 27.6017,

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

21.6883, 27.6017, 26.3749

Protanopia

25.8982, 27.2679, 23.9769

Deuteranopia

27.8305, 27.3255, 27.1001



Tritanopia

23.9905, 27.5788, 37.7770

Trichromacy



Original Color

21.6883, 27.6017, 26.3749

Protanomaly

24.0728, 27.2111, 24.7524

Deuteranomaly

25.0109, 26.9696, 26.8091

Tritanomaly

23.0478, 27.4266, 33.3573

Monochromacy



Original Color

21.6883, 27.6017, 26.3749

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8706, 25.8581, 27.0783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6883, 27.6017, 26.3749 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(107, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 133)  
}
```

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(107, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.6883, 27.6017, 26.3749 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(107, 153, 133) }
```


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

```
.border{ border-color:rgb(107, 153, 133) }
```

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

Here you see how a box with a 4 pixel rgb(107, 153, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6883, 27.6017, 26.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 133) }
```

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

```
.background{ background-color: rgb(107,  
153, 133) }
```

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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