

Converting Colors

XYZ(21.7350, 27.6218, 26.5583)

Have a look what the booklet for
XYZ(21.7350, 27.6218, 26.5583)
contains.

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Color

**XYZ(21.7577, 27.6295,
26.7405)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9986
RGB	107, 153, 134
RGB Percent	42%, 60%, 53%
CMY	0.5804, 0.4000, 0.4745
CMYK	0.30, 0.00, 0.12, 0.40
HSL	155°, 18%, 51%
HSV	155°, 30%, 60%
XYZ	21.7577, 27.6295, 26.7405
YIQ	137.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

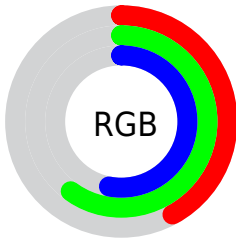
Format	Color
RYB	107, 136, 153
Decimal	7051654
CIELab	59.55, -19.79, 5.02
CIELCh	60, 20.419, 165.779
Yxy	27.6295, 0.2858, 0.3629
Android (android.graphics.Color)	4285241734 (0xFF6B9986)
YUV	137.0800, -1.5184, -26.3802
Hunter-Lab	52.5638, -18.1002, 6.6323

Details

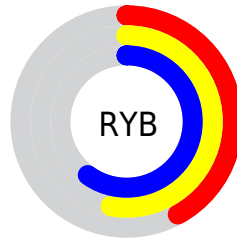
The XYZ color **21.7577, 27.6295, 26.7405** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1614, 18.7947, 22.1995**, and the grayscale version is **23.8200, 25.0605, 27.2909**.

A 20% lighter version of the original color is **46.0227, 56.1732, 55.4306**, and **8.0389, 11.0127, 10.0895** is the 20% darker color. If you saturate the color by 10%, you get **19.6509, 26.5936, 24.4095**, and if you desaturate by 10%, it is **24.2179, 28.8461, 29.2267**.

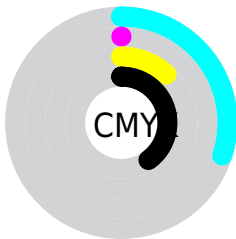
Distribution



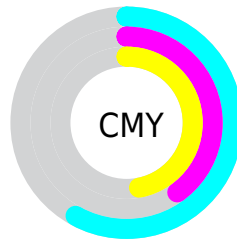
- Red (42%)
- Green (60%)
- Blue (53%)



- Red (42%)
- Yellow (53%)
- Blue (60%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7577, 27.6295, 26.7405 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 21.7577, 27.6295, 26.7405 by changing the saturation by 10% instead.

■ 21.7577, 27.6295,
26.7405

■ 21.7577, 27.6295,
26.7405

253.9345,
290.6923, 300.1188

■ 13.7946, 18.0466,
17.1477

■ 45.8270, 55.8924,
55.4658

■ 8.0587, 10.9834,
10.1768

■ 62.6640, 75.3411,
75.4355

■ 4.1846, 6.0557,
5.4092

■ 83.1895, 98.8472,
99.7011

■ 1.8071, 2.8790,
2.4264

■ 107.7691,
126.7951, 128.6814

■ 0.5219, 1.0689,
0.8008

136.7680,
159.5691, 162.7947

■ 0.0000, 0.0000,
0.0000

170.5517,

197.5538, 202.4597

209.4854,
241.1333, 248.0949

■ 21.7577, 27.6295,
26.7405

■ 21.7577, 27.6295,
26.7405

■ 19.6509, 26.5936,
24.4095

■ 24.2179, 28.8461,
29.2267

■ 17.8775, 25.7258,
22.2287

■ 27.0456, 30.2482,
31.8695

■ 16.4193, 25.0175,
20.1954

■ 30.2568, 31.8449,
34.6723

■ 15.2548, 24.4578,
18.3061

■ 33.8658, 33.6436,
37.6381

■ 14.3601, 24.0344,
16.5570

■ 37.8865, 35.6511,
40.7697

■ 13.7070, 23.7327,
14.9442

■ 42.3316, 37.8743,
44.0697

■ 13.2288, 23.5183,
13.4710

■ 47.2137, 40.3193,
47.5409

■ 52.5447, 42.9923,
51.1859

■ 58.3358, 45.8992,
55.0071

Harmonies

Analogous

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



22.8775, 27.6295, 21.2565



21.7577, 27.6295, 26.7405



21.7884, 27.6295, 34.0972

Triad

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



21.7577, 27.6295, 26.7405



27.6273, 27.6295, 45.8550



29.8590, 27.6295, 21.0414

Complementary

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



21.7577, 27.6295, 26.7405



22.1614, 18.7947, 22.1995

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.



31.3073, 27.6295, 26.3984



21.7577, 27.6295, 26.7405



29.9626, 27.6295, 41.0685

Square

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



21.7577, 27.6295, 26.7405



25.0661, 27.6295, 45.9870



31.3464, 27.6295, 33.6948



27.4933, 27.6295, 18.3483

Rectangle

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



21.7577, 27.6295, 26.7405



22.4538, 27.6295, 39.1364



31.3464, 27.6295, 33.6948



30.4759, 27.6295, 22.5473

Sweetspot

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



21.7585, 27.6306, 26.7411



48.9160, 54.4084, 57.5062



22.6748, 28.2935, 18.1764



10.6400, 11.9339, 12.5528



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.



21.7585, 27.6306, 26.7411



36.3887, 48.2123, 45.0831



22.5879, 26.9745, 34.1544



6.2765, 6.9833, 7.3797



10.9497, 19.4433, 11.2218



0.1817, 0.2979, 0.2628

Inverse Universe

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



22.1614, 18.7947, 22.1995



37.2293, 29.8138, 35.6341



21.4578, 19.1670, 16.4790



6.3093, 6.2629, 7.0089



11.6194, 5.9020, 4.5209



0.1912, 0.0952, 0.1595

Previews

White Background



This preview shows how the XYZ color 21.7577, 27.6295, 26.7405 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 21.7577, 27.6295, 26.7405 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 21.7577, 27.6295, 26.7405

Background



This preview shows how black text looks on a background with the XYZ color 21.7577, 27.6295, 26.7405.



This preview shows how white text looks on a background with the XYZ color 21.7577, 27.6295,

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

21.7577, 27.6295, 26.7405

Protanopia

25.9637, 27.2941, 24.3219

Deuteranopia

27.9019, 27.3540, 27.4762



Tritanopia

23.9905, 27.5788, 37.7770

Trichromacy



Original Color

21.7577, 27.6295, 26.7405

Protanomaly

24.1397, 27.2378, 25.1042

Deuteranomaly

25.0816, 26.9979, 27.1817

Tritanomaly

23.0478, 27.4266, 33.3573

Monochromacy



Original Color

21.7577, 27.6295, 26.7405

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 21.7577, 27.6295, 26.7405 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.7577, 27.6295, 26.7405 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, 134) }
```


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

```
.border{ border-color:rgb(107, 153, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 134);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7577, 27.6295, 26.7405 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, 134) }
```

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

```
.background{ background-color: rgb(107,  
153, 134) }
```

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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