

Converting Colors

XYZ(21.6861, 27.9757, 31.7441)

Have a look what the booklet for
XYZ(21.6861, 27.9757, 31.7441)
contains.

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Color

**XYZ(21.7071, 27.9822,
31.8608)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9B93
RGB	95, 155, 147
RGB Percent	37%, 61%, 58%
CMY	0.6274, 0.3921, 0.4235
CMYK	0.39, 0.00, 0.05, 0.39
HSL	172°, 24%, 49%
HSV	172°, 39%, 61%
XYZ	21.7071, 27.9822, 31.8608
YIQ	136.1480, -33.1920, -15.2080

Conversions

Conversions Part 2

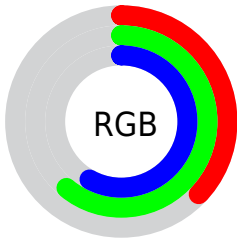
Format	Color
R _Y B	95, 127, 155
Decimal	6265747
CIE Lab	59.87, -21.41, -1.96
CIE LCh	60, 21.501, 185.241
Yxy	27.9822, 0.2662, 0.3431
Android (android.graphics.Color)	4284455827 (0xFF5F9B93)
YUV	136.1480, 5.3500, -36.0868
Hunter-Lab	52.8982, -19.3233, 1.3181

Details

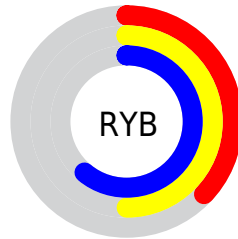
The XYZ color **21.7071, 27.9822, 31.8608** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0589, 16.1330, 14.8897**, and the grayscale version is **23.4473, 24.6684, 26.8639**.

A 20% lighter version of the original color is **45.8020, 56.6061, 63.7704**, and **8.1042, 11.2773, 13.0589** is the 20% darker color. If you saturate the color by 10%, you get **20.0939, 27.1699, 30.9467**, and if you desaturate by 10%, it is **23.6452, 28.9631, 32.8066**.

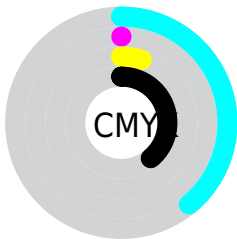
Distribution



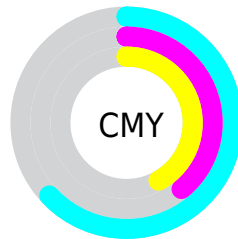
- Red (37%)
- Green (61%)
- Blue (58%)



- Red (37%)
- Yellow (50%)
- Blue (61%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (63%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7071, 27.9822, 31.8608 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 21.7071, 27.9822, 31.8608 by changing the saturation by 10% instead.

■ 21.7071, 27.9822,
31.8608

■ 21.7071, 27.9822,
31.8608

253.6741,
292.3819, 324.9578

■ 13.7572, 18.3122,
20.9913

■ 45.7439, 56.4560,
63.6882

■ 8.0326, 11.1744,
12.9264

■ 62.5615, 76.0287,
85.4831

■ 4.1678, 6.1843,
7.2478

■ 83.0658, 99.6710,
111.7569

■ 1.7975, 2.9574,
3.5367

■ 107.6220,
127.7674, 142.9281

■ 0.5162, 1.1096,
1.3748

136.5956,
160.7023, 179.4152

■ 0.0000, 0.0000,
0.1220

170.3519,

■ 0.0000, 0.0000,

198.8601, 221.6369

0.0000

209.2563,
242.6252, 270.0116

■ 21.7071, 27.9822,
31.8608

■ 21.7071, 27.9822,
31.8608

■ 20.0939, 27.1699,
30.9467

■ 23.6452, 28.9631,
32.8066

■ 18.7841, 26.5129,
30.0612

■ 25.9233, 30.1183,
33.7830

■ 17.7574, 26.0015,
29.2041

■ 28.5586, 31.4572,
34.7915

■ 16.9898, 25.6233,
28.3741

■ 31.5662, 32.9877,
35.8328

■ 16.4535, 25.3641,
27.5699

■ 34.9604, 34.7173,
36.9078

■ 16.0918, 25.1946,
26.7886

■ 38.7549, 36.6528,
38.0171

■ 16.0481, 25.1742,
26.6890

■ 42.9626, 38.8010,
39.1614

■ 47.5958, 41.1681,
40.3414

■ 52.6662, 43.7604,
41.5577

Harmonies

Analogous

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



22.1116, 27.9822, 24.5993



21.7071, 27.9822, 31.8608



22.5379, 27.9822, 39.9844

Triad

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



21.7071, 27.9822, 31.8608



29.7393, 27.9822, 44.4584



28.8542, 27.9822, 18.7606

Complementary

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



21.7071, 27.9822, 31.8608



20.0589, 16.1330, 14.8897

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.



31.1147, 27.9822, 22.5955



21.7071, 27.9822, 31.8608



31.6497, 27.9822, 37.2026

Square

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



21.7071, 27.9822, 31.8608



27.0783, 27.9822, 48.0102



32.1694, 27.9822, 29.1161



26.1200, 27.9822, 17.8226

Rectangle

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



21.7071, 27.9822, 31.8608



23.7163, 27.9822, 44.5517



32.1694, 27.9822, 29.1161



29.7004, 27.9822, 19.7172

Sweetspot

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



21.7079, 27.9833, 31.8614



49.4053, 55.4506, 61.6620



19.4966, 27.2131, 15.0520



11.0543, 12.4858, 13.9082



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.7079, 27.9833, 31.8614



36.4670, 48.8990, 55.7128



19.1616, 21.8506, 34.2193



6.3491, 7.0124, 7.7619



12.8994, 20.2232, 21.4888



0.2014, 0.3058, 0.3665

Inverse Universe

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



20.0589, 16.1330, 14.8897



33.1139, 24.7549, 21.1675



21.8294, 20.2864, 13.5920



6.2407, 6.2354, 6.6475



10.9724, 5.6432, 1.1139



0.1716, 0.0874, 0.0567

Previews

White Background



This preview shows how the XYZ color 21.7071, 27.9822, 31.8608 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 21.7071, 27.9822, 31.8608 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

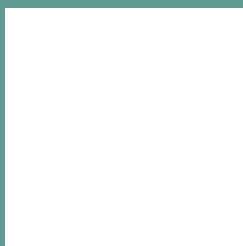
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7071, 27.9822, 31.8608

Background



This preview shows how black text looks on a background with the XYZ color 21.7071, 27.9822, 31.8608.

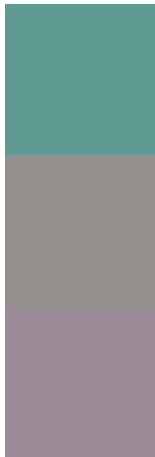


This preview shows how white text looks on a background with the XYZ color 21.7071, 27.9822,

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

21.7071, 27.9822, 31.8608

Protanopia

26.5887, 27.7414, 28.7642

Deuteranopia

28.0641, 27.5373, 32.6903



Tritanopia

23.2753, 27.8824, 39.7524

Trichromacy



Original Color

21.7071, 27.9822, 31.8608

Protanomaly

24.2937, 27.4398, 30.0026

Deuteranomaly

25.2231, 27.4073, 32.3945

Tritanomaly

22.5998, 27.8478, 36.5318

Monochromacy



Original Color

21.7071, 27.9822, 31.8608

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.4412, 25.6033, 28.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7071, 27.9822, 31.8608 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(95, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(95, 155, 147)  
}
```

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(95, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 155, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.7071, 27.9822, 31.8608 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(95, 155, 147) }
```


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

```
.border{ border-color:rgb(95, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(95, 155,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7071, 27.9822, 31.8608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 155, 147) }
```

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

```
.background{ background-color: rgb(95, 155,  
147) }
```

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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