

Converting Colors

XYZ(17.2721, 21.5571, 31.6844)

Have a look what the booklet for
XYZ(17.2721, 21.5571, 31.6844)
contains.

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Color

**XYZ(17.2721, 21.5571,
31.6844)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8995
RGB	75, 137, 149
RGB Percent	29%, 54%, 58%
CMY	0.7059, 0.4627, 0.4157
CMYK	0.50, 0.08, 0.00, 0.42
HSL	190°, 33%, 44%
HSV	190°, 50%, 58%
XYZ	17.2721, 21.5571, 31.6844
YIQ	119.8300, -40.8040, -9.4120

Conversions

Conversions Part 2

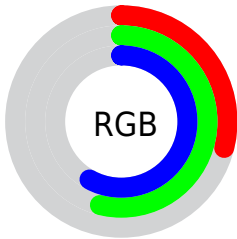
Format	Color
R _Y B	75, 109, 149
Decimal	4950421
CIE Lab	53.55, -16.59, -12.61
CIE LCh	54, 20.843, 217.239
Yxy	21.5571, 0.2449, 0.3057
Android (android.graphics.Color)	4283140501 (0xFF4B8995)
YUV	119.8300, 14.3808, -39.3159
Hunter-Lab	46.4296, -14.8488, -7.9598

Details

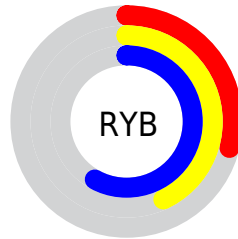
The XYZ color **17.2721, 21.5571, 31.6844** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0730, 13.7143, 8.4044**, and the grayscale version is **17.7637, 18.6888, 20.3521**.

A 20% lighter version of the original color is **38.4636, 46.2405, 63.3980**, and **5.8098, 7.7998, 12.7546** is the 20% darker color. If you saturate the color by 10%, you get **15.9010, 20.3466, 31.5234**, and if you desaturate by 10%, it is **18.9252, 22.9254, 31.8618**.

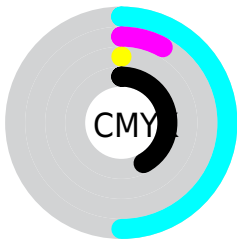
Distribution



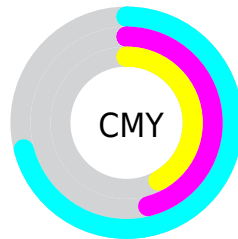
- Red (29%)
- Green (54%)
- Blue (58%)



- Red (29%)
- Yellow (43%)
- Blue (58%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2721, 21.5571, 31.6844 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 17.2721, 21.5571, 31.6844 by changing the saturation by 10% instead.

■ 17.2721, 21.5571,
31.6844

■ 17.2721, 21.5571,
31.6844

229.8614,
260.2245, 324.1274

■ 10.5252, 13.5318,
20.8577

■ 38.3329, 46.0129,
63.4081

■ 5.8135, 7.7958,
12.8298

■ 53.3775, 63.2122,
85.1423

■ 2.7716, 3.9645,
7.1821

■ 71.9187, 84.2383,
111.3494

■ 1.0341, 1.6538,
3.4961

■ 94.3219, 109.4756,
142.4479

■ 0.0000, 0.3934,
1.3532

■ 120.9524,
139.3084, 178.8564

■ 0.0000, 0.0000,
0.1048

152.1756,

■ 0.0000, 0.0000,

174.1213, 220.9935

0.0000

188.3568,
214.2985, 269.2776

■ 17.2721, 21.5571,
31.6844

■ 17.2721, 21.5571,
31.6844

■ 15.9010, 20.3466,
31.5234

■ 18.9252, 22.9254,
31.8618

■ 14.7904, 19.2812,
31.3763

■ 20.8759, 24.4581,
32.0548

■ 13.9192, 18.3505,
31.2426

■ 23.1407, 26.1643,
32.2648

■ 13.2617, 17.5412,
31.1210

■ 25.7348, 28.0518,
32.4924

■ 12.7550, 16.8208,
31.0087

■ 28.6719, 30.1280,
32.7383

■ 12.7384, 16.7969,
31.0049

■ 31.9651, 32.3995,
33.0032

■ 35.6270, 34.8729,
33.2876

■ 39.6693, 37.5543,
33.5921

■ 44.1033, 40.4496,
33.9172

Harmonies

Analogous

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



16.5357, 21.5571, 25.0483



17.2721, 21.5571, 31.6844



18.8801, 21.5571, 36.6630

Triad

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



17.2721, 21.5571, 31.6844



24.6880, 21.5571, 28.5325



19.9556, 21.5571, 13.3040

Complementary

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



17.2721, 21.5571, 31.6844



17.0730, 13.7143, 8.4044

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.



22.1875, 21.5571, 13.8986



17.2721, 21.5571, 31.6844



25.0278, 21.5571, 21.9633

Square

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



17.2721, 21.5571, 31.6844



23.1857, 21.5571, 34.6257



24.0832, 21.5571, 16.8175



18.0106, 21.5571, 15.0146

Rectangle

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



17.2721, 21.5571, 31.6844



20.2842, 21.5571, 37.9414



24.0832, 21.5571, 16.8175



20.6959, 21.5571, 13.2470

Sweetspot

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



17.2728, 21.5579, 31.6849



43.3923, 48.2888, 57.9549



15.3333, 23.6647, 12.5854



9.4248, 10.5614, 12.8266



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.2728, 21.5579, 31.6849



28.1372, 36.1243, 56.4109



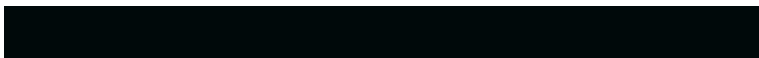
12.9710, 12.9543, 30.2510



5.8849, 6.4038, 7.3956



10.7390, 14.1728, 26.1007



0.1486, 0.2079, 0.3252

Inverse Universe

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



19.4264, 13.2284, 25.1973



32.6198, 19.9167, 42.6544



20.7603, 21.0888, 9.6335



5.9953, 5.8932, 7.0816



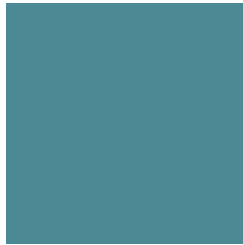
13.5476, 6.6241, 16.8967



0.1745, 0.0845, 0.2525

Previews

White Background



This preview shows how the XYZ color 17.2721, 21.5571, 31.6844 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 17.2721, 21.5571, 31.6844 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

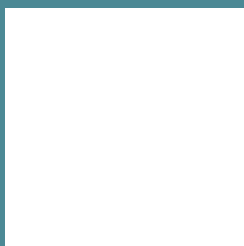
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2721, 21.5571, 31.6844

Background



This preview shows how black text looks on a background with the XYZ color 17.2721, 21.5571, 31.6844.

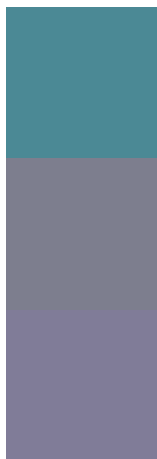


This preview shows how white text looks on a background with the XYZ color 17.2721, 21.5571,

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

17.2721, 21.5571, 31.6844

Protanopia

20.8008, 21.2347, 28.5936

Deuteranopia

21.7772, 21.2715, 32.6638



Tritanopia

17.1926, 21.5253, 31.2656

Trichromacy



Original Color

17.2721, 21.5571, 31.6844

Protanomaly

19.1569, 21.1354, 29.8579

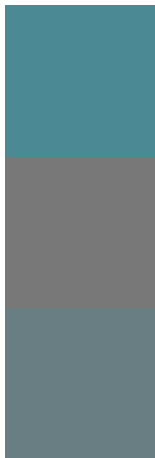
Deuteranomaly

19.7428, 21.1861, 32.3269

Tritanomaly

17.1926, 21.5253, 31.2656

Monochromacy



Original Color

17.2721, 21.5571, 31.6844

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.2665, 19.5035, 24.3272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2721, 21.5571, 31.6844 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(75, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(75, 137, 149)  
}
```

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(75, 137, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 137, 149) }
```

Border

The CSS property to change the border of an element to XYZ 17.2721, 21.5571, 31.6844 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(75, 137, 149) }
```


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

```
.border{ border-color:rgb(75, 137, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 137, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 137, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 137, 149);  
box-shadow:4px 4px 4px 4px rgb(75, 137,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2721, 21.5571, 31.6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 137, 149) }
```

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

```
.background{ background-color: rgb(75, 137,  
149) }
```

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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