

Converting Colors

XYZ(21.7515, 26.4477, 30.5960)

Have a look what the booklet for
XYZ(21.7515, 26.4477, 30.5960)
contains.

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Color

**XYZ(21.7641, 26.3499,
30.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9491
RGB	107, 148, 145
RGB Percent	42%, 58%, 57%
CMY	0.5804, 0.4196, 0.4314
CMYK	0.28, 0.00, 0.02, 0.42
HSL	176°, 16%, 50%
HSV	176°, 28%, 58%
XYZ	21.7641, 26.3499, 30.7270
YIQ	135.3990, -23.4730, -9.6250

Conversions

Conversions Part 2

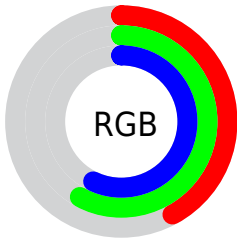
Format	Color
R_{YB}	107, 128, 148
Decimal	7050385
CIE _{Lab}	58.37, -14.66, -2.96
CIE _{LCh}	58, 14.953, 191.435
Yxy	26.3499, 0.2761, 0.3342
Android (android.graphics.Color)	4285240465 (0xFF6B9491)
YUV	135.3990, 4.7333, -24.9059
Hunter-Lab	51.3322, -14.1498, 0.4420

Details

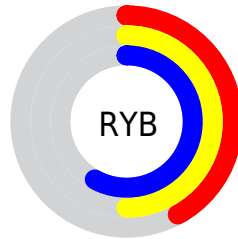
The XYZ color **21.7641, 26.3499, 30.7270** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2858, 17.9378, 17.1460**, and the grayscale version is **23.1671, 24.3736, 26.5429**.

A 20% lighter version of the original color is **45.9265, 53.8382, 62.0040**, and **8.0852, 10.2752, 12.3836** is the 20% darker color. If you saturate the color by 10%, you get **20.0519, 25.4775, 30.2133**, and if you desaturate by 10%, it is **23.7833, 27.3818, 31.2604**.

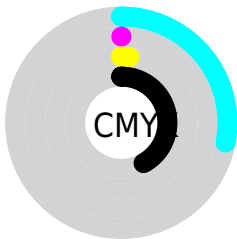
Distribution



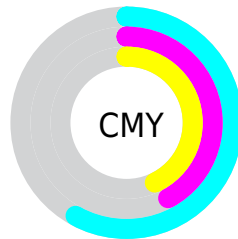
- Red (42%)
- Green (58%)
- Blue (57%)



- Red (42%)
- Yellow (50%)
- Blue (58%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7641, 26.3499, 30.7270 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 21.7641, 26.3499, 30.7270 by changing the saturation by 10% instead.

■ 21.7641, 26.3499,
30.7270

■ 21.7641, 26.3499,
30.7270

253.9674,
284.4955, 319.5908

■ 13.7993, 17.0856,
20.1343

■ 45.8376, 53.8389,
61.8845

■ 8.0620, 10.2955,
12.3077

■ 62.6769, 72.8323,
83.2865

■ 4.1868, 5.5953,
6.8285

■ 83.2052, 95.8376,
109.1286

■ 1.8083, 2.6006,
3.2783

■ 107.7877,
123.2392, 139.8295

■ 0.5227, 0.9270,
1.2384

136.7898,
155.4213, 175.8076

■ 0.0000, 0.0000,
0.0105

170.5769,

■ 0.0000, 0.0000,

192.7685, 217.4814

0.0000

209.5144,
235.6651, 265.2697

■ 21.7641, 26.3499,
30.7270

■ 21.7641, 26.3499,
30.7270

■ 20.0519, 25.4775,
30.2133

■ 23.7833, 27.3818,
31.2604

■ 18.6287, 24.7534,
29.7167

■ 26.1214, 28.5774,
31.8122

■ 17.4786, 24.1699,
29.2371

■ 28.7929, 29.9447,
32.3839

■ 16.5828, 23.7174,
28.7734

■ 31.8104, 31.4903,
32.9760

■ 15.9205, 23.3852,
28.3248

■ 35.1859, 33.2204,
33.5890

■ 15.4673, 23.1607,
27.8901

■ 38.9310, 35.1408,
34.2235

■ 15.1782, 23.0207,
27.4672

■ 43.0565, 37.2574,
34.8801

■ 15.1177, 22.9916,
27.3709

■ 47.5730, 39.5753,
35.5592

■ 52.4906, 42.1000,
36.2613

Harmonies

Analogous

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



21.8670, 26.3499, 25.6119



21.7641, 26.3499, 30.7270



22.5079, 26.3499, 35.8592

Triad

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



21.7641, 26.3499, 30.7270



27.4366, 26.3499, 36.8932



26.1774, 26.3499, 20.1882

Complementary

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



21.7641, 26.3499, 30.7270



20.2858, 17.9378, 17.1460

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.



27.7654, 26.3499, 22.5473



21.7641, 26.3499, 30.7270



28.5164, 26.3499, 32.0066

Square

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



21.7641, 26.3499, 30.7270



25.7461, 26.3499, 39.6967



28.6396, 26.3499, 26.7461



24.3563, 26.3499, 19.9337

Rectangle

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



21.7641, 26.3499, 30.7270



23.4060, 26.3499, 38.4404



28.6396, 26.3499, 26.7461



26.7584, 26.3499, 20.7467

Sweetspot

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



21.7649, 26.3510, 30.7276



45.8870, 50.3184, 56.0836



19.7269, 25.5842, 17.8089



10.3357, 11.4153, 12.7710



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.



21.7649, 26.3510, 30.7276



36.5382, 45.5426, 53.6708



19.5145, 21.4750, 31.1347



5.9460, 6.5550, 7.3264



12.9167, 19.6395, 23.4007



0.1625, 0.2421, 0.3096

Inverse Universe

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



20.2858, 17.9378, 17.1460



33.5028, 28.2698, 25.7936



22.0856, 21.7945, 16.9531



5.8170, 5.8219, 6.1425



10.4869, 5.3998, 0.7790



0.1318, 0.0675, 0.0275

Previews

White Background



This preview shows how the XYZ color 21.7641, 26.3499, 30.7270 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 21.7641, 26.3499, 30.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

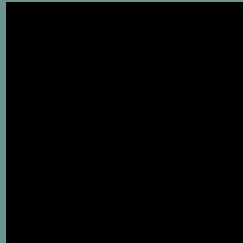
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7641, 26.3499, 30.7270

Background



This preview shows how black text looks on a background with the XYZ color 21.7641, 26.3499, 30.7270.

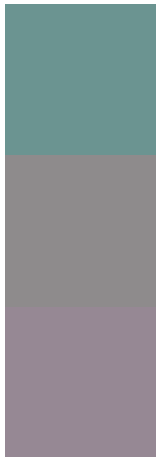


This preview shows how white text looks on a background with the XYZ color 21.7641, 26.3499,

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

21.7641, 26.3499, 30.7270

Protanopia

25.1216, 26.1095, 28.5265

Deuteranopia

26.7271, 26.2305, 31.6713



Tritanopia

22.8808, 26.3414, 36.2262

Trichromacy



Original Color

21.7641, 26.3499, 30.7270

Protanomaly

23.6087, 25.9661, 29.3588

Deuteranomaly

24.4761, 25.9311, 31.3189

Tritanomaly

22.4902, 26.4186, 34.0509

Monochromacy



Original Color

21.7641, 26.3499, 30.7270

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4957, 24.9802, 28.0621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7641, 26.3499, 30.7270 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, 148, 145)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 145)  
}
```

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, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.7641, 26.3499, 30.7270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

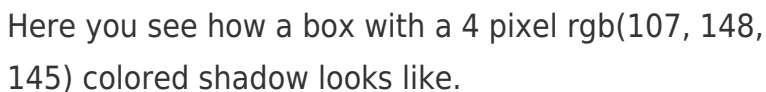
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 148, 145) }
```


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

```
.border{ border-color:rgb(107, 148, 145) }
```

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



Here you see how a box with a 4 pixel rgb(107, 148, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7641, 26.3499, 30.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 145) }
```

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

```
.background{ background-color: rgb(107,  
148, 145) }
```

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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