

Converting Colors

XYZ(21.9278, 24.5819, 30.3556)

Have a look what the booklet for
XYZ(21.9278, 24.5819, 30.3556)
contains.

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Color

**XYZ(21.9601, 24.6521,
30.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	768C91
RGB	118, 140, 145
RGB Percent	46%, 55%, 57%
CMY	0.5373, 0.4510, 0.4314
CMYK	0.19, 0.03, 0.00, 0.43
HSL	191°, 11%, 52%
HSV	191°, 19%, 57%
XYZ	21.9601, 24.6521, 30.3890
YIQ	133.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

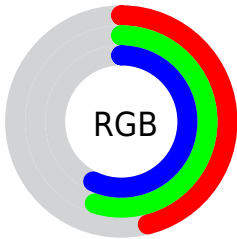
Format	Color
R_{YB}	118, 130, 145
Decimal	7769233
CIE _{Lab}	56.73, -6.70, -5.30
CIE _{LCh}	57, 8.543, 218.318
Yxy	24.6521, 0.2852, 0.3202
Android (android.graphics.Color)	4285959313 (0xFF768C91)
YUV	133.9920, 5.4269, -14.0250
Hunter-Lab	49.6509, -7.9402, -1.5330

Details

The XYZ color **21.9601, 24.6521, 30.3890** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0301, 21.4935, 20.1274**, and the grayscale version is **22.6422, 23.8213, 25.9414**.

A 20% lighter version of the original color is **46.1782, 51.2531, 61.4918**, and **8.1760, 9.4038, 12.2107** is the 20% darker color. If you saturate the color by 10%, you get **19.7532, 22.9399, 30.1752**, and if you desaturate by 10%, it is **24.4808, 26.5416, 30.6212**.

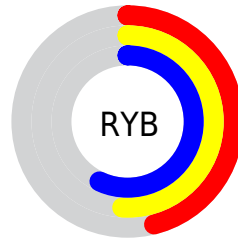
Distribution



Red (46%)

Green (55%)

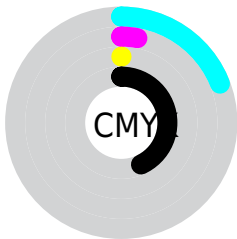
Blue (57%)



Red (46%)

Yellow (51%)

Blue (57%)

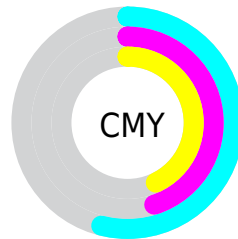


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (45%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9601, 24.6521, 30.3890 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 21.9601, 24.6521, 30.3890 by changing the saturation by 10% instead.

■ 21.9601, 24.6521,
30.3890

■ 21.9601, 24.6521,
30.3890

254.9741,
276.1009, 317.9771

■ 13.9440, 15.8180,
19.8795

■ 46.1594, 51.0923,
61.3451

■ 8.1632, 9.3955,
12.1243

■ 63.0733, 69.4672,
82.6287

■ 4.2522, 5.0000,
6.7048

■ 83.6839, 91.7911,
108.3408

■ 1.8458, 2.2473,
3.2025

108.3565,
118.4486, 138.8999

■ 0.5450, 0.7456,
1.1990

137.4564,
149.8239, 174.7245

■ 0.0000, 0.0000,
0.0000

171.3491,

186.3014, 216.2332

210.3999,
228.2657, 263.8446

■ 21.9601, 24.6521,
30.3890

■ 21.9601, 24.6521,
30.3890

■ 19.7532, 22.9399,
30.1752

■ 24.4808, 26.5416,
30.6212

■ 17.8440, 21.3946,
29.9776

■ 27.3260, 28.6120,
30.8709

■ 16.2183, 20.0095,
29.7959

■ 30.5087, 30.8708,
31.1392

■ 14.8599, 18.7761,
29.6294

■ 34.0404, 33.3240,
31.4265

■ 13.7509, 17.6850,
29.4773

■ 37.9322, 35.9775,
31.7336

■ 12.8710, 16.7258,
29.3385

■ 42.1947, 38.8367,
32.0608

■ 12.1968, 15.8861,
29.2120

■ 46.8378, 41.9069,
32.4087

■ 11.6771, 15.1397,
29.0953

■ 51.8713, 45.1932,
32.7777

■ 11.6083, 15.0392,
29.0795

■ 57.3045, 48.7006,
33.1684

Harmonies

Analogous

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



21.5864, 24.6521, 27.6434



21.9601, 24.6521, 30.3890



22.7305, 24.6521, 32.2692

Triad

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



21.9601, 24.6521, 30.3890



25.2565, 24.6521, 28.9202



23.1551, 24.6521, 21.7715

Complementary

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



21.9601, 24.6521, 30.3890



22.0301, 21.4935, 20.1274

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.



24.1459, 24.6521, 22.0601



21.9601, 24.6521, 30.3890



25.3780, 24.6521, 26.0562

Square

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



21.9601, 24.6521, 30.3890



24.6389, 24.6521, 31.3803



24.9663, 24.6521, 23.5822



22.2634, 24.6521, 22.7638

Rectangle

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



21.9601, 24.6521, 30.3890



23.3749, 24.6521, 32.7074



24.9663, 24.6521, 23.5822



23.4874, 24.6521, 21.7234

Sweetspot

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



21.9608, 24.6531, 30.3896



45.0569, 48.4256, 54.9459



21.1690, 25.5316, 22.5352



9.9621, 10.7279, 12.2178



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.9608, 24.6531, 30.3896



37.7458, 42.9355, 54.2715



20.1138, 20.9590, 29.7739



5.4766, 5.9489, 6.8884



9.9741, 12.9342, 24.9479



0.1096, 0.1521, 0.2433

Inverse Universe

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



22.8897, 20.8705, 27.6342



39.7167, 35.0427, 48.3951



23.8151, 25.0635, 20.7224



5.5840, 5.4941, 6.5735



12.8376, 6.2920, 15.3279



0.1299, 0.0630, 0.1843

Previews

White Background



This preview shows how the XYZ color 21.9601, 24.6521, 30.3890 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 21.9601, 24.6521, 30.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

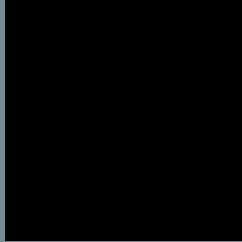
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

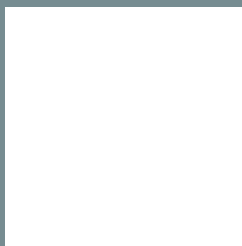
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9601, 24.6521, 30.3890

Background



This preview shows how black text looks on a background with the XYZ color 21.9601, 24.6521, 30.3890.



This preview shows how white text looks on a background with the XYZ color 21.9601, 24.6521,

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

21.9601, 24.6521, 30.3890

Protanopia

23.6998, 24.5152, 29.0740

Deuteranopia

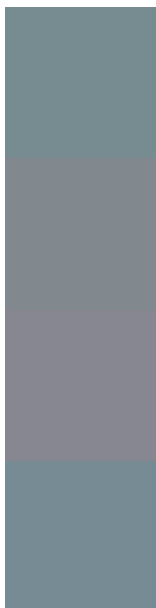
25.0193, 24.5384, 31.0215



Tritanopia

22.3454, 24.5892, 32.4226

Trichromacy



Original Color

21.9601, 24.6521, 30.3890

Protanomaly

22.9568, 24.5416, 29.5137

Deuteranomaly

23.8440, 24.5542, 30.6768

Tritanomaly

22.1857, 24.5253, 31.5815

Monochromacy



Original Color

21.9601, 24.6521, 30.3890

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2937, 24.0325, 27.5085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9601, 24.6521, 30.3890 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(118, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 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(118, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.9601, 24.6521, 30.3890 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(118, 140, 145) }
```


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

```
.border{ border-color:rgb(118, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9601, 24.6521, 30.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 145) }
```

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

```
.background{ background-color: rgb(118,  
140, 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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