

Converting Colors

XYZ(21.5939, 24.7302, 28.2236)

Have a look what the booklet for
XYZ(21.5939, 24.7302, 28.2236)
contains.

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Color

**XYZ(21.5212, 24.6957,
28.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	758D8B
RGB	117, 141, 139
RGB Percent	46%, 55%, 55%
CMY	0.5412, 0.4470, 0.4549
CMYK	0.17, 0.00, 0.01, 0.45
HSL	175°, 10%, 51%
HSV	175°, 17%, 55%
XYZ	21.5212, 24.6957, 28.0586
YIQ	133.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

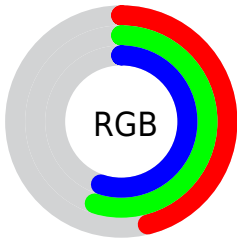
Format	Color
R_{YB}	117, 130, 141
Decimal	7703947
CIE _{Lab}	56.78, -8.95, -1.79
CIE _{LCh}	57, 9.123, 191.333
Yxy	24.6957, 0.2897, 0.3325
Android (android.graphics.Color)	4285894027 (0xFF758D8B)
YUV	133.5960, 2.6642, -14.5547
Hunter-Lab	49.6948, -9.6633, 1.3101

Details

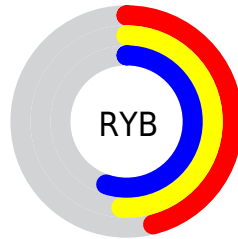
The XYZ color **21.5212, 24.6957, 28.0586** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6764, 19.7179, 20.1700**, and the grayscale version is **22.5065, 23.6786, 25.7860**.

A 20% lighter version of the original color is **45.3917, 51.2710, 57.3731**, and **7.9282, 9.4324, 10.8540** is the 20% darker color. If you saturate the color by 10%, you get **19.6823, 23.7582, 27.5269**, and if you desaturate by 10%, it is **23.6479, 25.7827, 28.6097**.

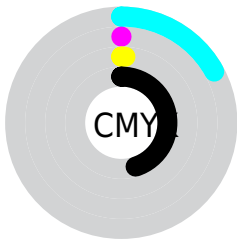
Distribution



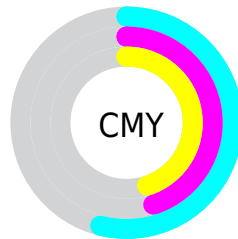
- Red (46%)
- Green (55%)
- Blue (55%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5212, 24.6957, 28.0586 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 21.5212, 24.6957, 28.0586 by changing the saturation by 10% instead.

■ 21.5212, 24.6957,
28.0586

■ 21.5212, 24.6957,
28.0586

252.7152,
276.3191, 306.6676

■ 13.6201, 15.8505,
18.1304

■ 45.4381, 51.1631,
57.6022

■ 7.9369, 9.4184,
10.8732

■ 62.1847, 69.5541,
78.0547

■ 4.1060, 5.0151,
5.8686

■ 82.6105, 91.8959,
102.8524

■ 1.7623, 2.2561,
2.6978

107.0809,
118.5727, 132.4138

■ 0.4948, 0.7503,
0.9423

135.9612,
149.9690, 167.1575

■ 0.0000, 0.0000,
0.0000

169.6168,

186.4693, 207.5020

208.4130,
228.4579, 253.8658

■ 21.5212, 24.6957,
28.0586

■ 21.5212, 24.6957,
28.0586

■ 19.6823, 23.7582,
27.5269

■ 23.6479, 25.7827,
28.6097

■ 18.1163, 22.9607,
27.0122

■ 26.0720, 27.0223,
29.1789

■ 16.8102, 22.2970,
26.5145

■ 28.8057, 28.4214,
29.7676

■ 15.7491, 21.7596,
26.0331

■ 31.8596, 29.9854,
30.3761

■ 14.9167, 21.3399,
25.5671

■ 35.2438, 31.7196,
31.0049

■ 14.2946, 21.0286,
25.1157

■ 38.9679, 33.6290,
31.6546

■ 13.8615, 20.8145,
24.6779

■ 43.0414, 35.7183,
32.3255

■ 13.5799, 20.6785,
24.2519

■ 47.4732, 37.9922,
33.0181

■ 13.5039, 20.6420,
24.1263

■ 52.2719, 40.4552,
33.7328

Harmonies

Analogous

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



21.5852, 24.6957, 25.0555



21.5212, 24.6957, 28.0586



21.9681, 24.6957, 30.9521

Triad

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



21.5212, 24.6957, 28.0586



24.8512, 24.6957, 31.5383



24.1341, 24.6957, 21.7067

Complementary

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



21.5212, 24.6957, 28.0586



20.6764, 19.7179, 20.1700

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.



25.0441, 24.6957, 23.1988



21.5212, 24.6957, 28.0586



25.4667, 24.6957, 28.8107

Square

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



21.5212, 24.6957, 28.0586



23.8773, 24.6957, 33.0600



25.5384, 24.6957, 25.7532



23.0724, 24.6957, 21.5388

Rectangle

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



21.5212, 24.6957, 28.0586



22.5037, 24.6957, 32.3710



25.5384, 24.6957, 25.7532



24.4687, 24.6957, 22.0644

Sweetspot

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



21.5219, 24.6967, 28.0592



43.1368, 46.5740, 51.4256



20.3993, 24.2854, 20.4425



9.5776, 10.3732, 11.4722



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.5219, 24.6967, 28.0592



37.3617, 43.6242, 49.9188



20.3147, 22.0461, 28.3850



5.5411, 6.1087, 6.8154



12.3153, 18.8220, 22.0124



0.1215, 0.1814, 0.2300

Inverse Universe

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



20.6764, 19.7179, 20.1700



35.5869, 33.1713, 33.3569



21.7340, 22.0235, 19.9356



5.4260, 5.4309, 5.7414



10.0778, 5.1881, 0.7952



0.0993, 0.0508, 0.0229

Previews

White Background



This preview shows how the XYZ color 21.5212, 24.6957, 28.0586 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 21.5212, 24.6957, 28.0586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

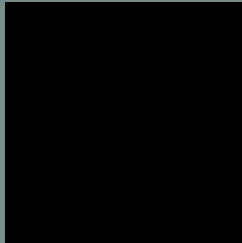
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5212, 24.6957, 28.0586

Background



This preview shows how black text looks on a background with the XYZ color 21.5212, 24.6957, 28.0586.



This preview shows how white text looks on a background with the XYZ color 21.5212, 24.6957,

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

21.5212, 24.6957, 28.0586

Protanopia

23.5891, 24.5088, 26.7799

Deuteranopia

25.0916, 24.6287, 28.6306



Tritanopia

22.3454, 24.5892, 32.4226

Trichromacy



Original Color

21.5212, 24.6957, 28.0586

Protanomaly

22.6669, 24.4433, 27.1903

Deuteranomaly

23.5509, 24.4556, 28.2901

Tritanomaly

22.0376, 24.6830, 30.7969

Monochromacy



Original Color

21.5212, 24.6957, 28.0586

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2917, 24.2581, 26.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5212, 24.6957, 28.0586 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(117, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(117, 141, 139)  
}
```

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(117, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 141, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.5212, 24.6957, 28.0586 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(117, 141, 139) }
```


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

```
.border{ border-color:rgb(117, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(117, 141,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5212, 24.6957, 28.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 141, 139) }
```

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

```
.background{ background-color: rgb(117,  
141, 139) }
```

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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