

Converting Colors

XYZ(21.2289, 24.6705, 27.6114)

Have a look what the booklet for
XYZ(21.2289, 24.6705, 27.6114)
contains.

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Color

**XYZ(21.3307, 24.8258,
27.7124)**

Conversions

Conversions Part 1

Format	Color
Hex	738E8A
RGB	115, 142, 138
RGB Percent	45%, 56%, 54%
CMY	0.5490, 0.4431, 0.4588
CMYK	0.19, 0.00, 0.03, 0.44
HSL	171°, 11%, 50%
HSV	171°, 19%, 56%
XYZ	21.3307, 24.8258, 27.7124
YIQ	133.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

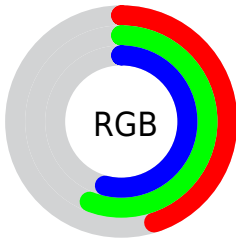
Format	Color
R _{YB}	115, 130, 142
Decimal	7573130
CIE Lab	56.91, -10.40, -1.05
CIE LCh	57, 10.450, 185.752
Yxy	24.8258, 0.2888, 0.3361
Android (android.graphics.Color)	4285763210 (0xFF738E8A)
YUV	133.4710, 2.2328, -16.1991
Hunter-Lab	49.8255, -10.7773, 1.9014

Details

The XYZ color **21.3307, 24.8258, 27.7124** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6167, 19.3449, 20.1012**, and the grayscale version is **22.4627, 23.6325, 25.7358**.

A 20% lighter version of the original color is **45.0802, 51.4569, 56.8464**, and **7.8354, 9.5171, 10.6565** is the 20% darker color. If you saturate the color by 10%, you get **19.4546, 23.8767, 26.8373**, and if you desaturate by 10%, it is **23.4988, 25.9264, 28.6176**.

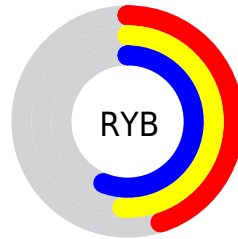
Distribution



Red (45%)

Green (56%)

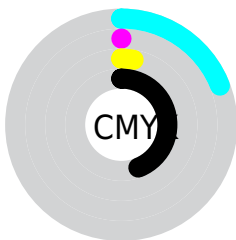
Blue (54%)



Red (45%)

Yellow (51%)

Blue (56%)

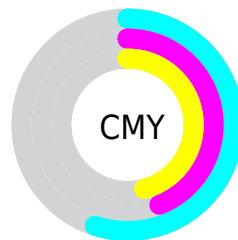


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3307, 24.8258, 27.7124 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 21.3307, 24.8258, 27.7124 by changing the saturation by 10% instead.

■ 21.3307, 24.8258,
27.7124

■ 21.3307, 24.8258,
27.7124

251.7294,
276.9693, 304.9587

■ 13.4798, 15.9473,
17.8718

■ 45.1244, 51.3745,
57.0425

■ 7.8390, 9.4869,
10.6895

■ 61.7979, 69.8135,
77.3691

■ 4.0430, 5.0601,
5.7469

■ 82.1430, 92.2081,
102.0282

■ 1.7265, 2.2826,
2.6255

■ 106.5250,
118.9427, 131.4382

■ 0.4728, 0.7645,
0.9056

135.3093,
150.4017, 166.0177

■ 0.0000, 0.0000,
0.0000

168.8612,

186.9696, 206.1852

207.5461,
229.0307, 252.3594

■ 21.3307, 24.8258,
27.7124

■ 21.3307, 24.8258,
27.7124

■ 19.4546, 23.8767,
26.8373

■ 23.4988, 25.9264,
28.6176

■ 17.8553, 23.0694,
25.9900

■ 25.9692, 27.1818,
29.5519

■ 16.5194, 22.3974,
25.1703

■ 28.7541, 28.5990,
30.5166

■ 15.4313, 21.8530,
24.3773

■ 31.8645, 30.1836,
31.5121

■ 14.5742, 21.4271,
23.6102

■ 35.3108, 31.9411,
32.5391

■ 13.9286, 21.1101,
22.8680

■ 39.1030, 33.8766,
33.5981

■ 13.4724, 20.8903,
22.1495

■ 43.2507, 35.9949,
34.6897

■ 13.1522, 20.7404,
21.4522

■ 47.7631, 38.3009,
35.8144

■ 13.1220, 20.7263,
21.3843

■ 52.6489, 40.7991,
36.9726

Harmonies

Analogous

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



21.5143, 24.8258, 24.3559



21.3307, 24.8258, 27.7124



21.7369, 24.8258, 31.1645

Triad

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



21.3307, 24.8258, 27.7124



24.9985, 24.8258, 32.8797



24.5762, 24.8258, 21.3384

Complementary

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



21.3307, 24.8258, 27.7124



20.6167, 19.3449, 20.1012

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.



25.5586, 24.8258, 23.2803



21.3307, 24.8258, 27.7124



25.8082, 24.8258, 29.8953

Square

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



21.3307, 24.8258, 27.7124



23.8329, 24.8258, 34.3088



26.0166, 24.8258, 26.3610



23.3610, 24.8258, 20.8630

Rectangle

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



21.3307, 24.8258, 27.7124



22.2961, 24.8258, 32.9955



26.0166, 24.8258, 26.3610



24.9459, 24.8258, 21.8326

Sweetspot

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



21.3314, 24.8268, 27.7130



42.6394, 46.3280, 50.9331



20.3829, 24.5103, 19.8768



9.4720, 10.3212, 11.3561



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.



21.3314, 24.8268, 27.7130



36.0753, 42.9984, 48.1718



20.2795, 22.2508, 28.8183



5.5264, 6.1028, 6.7378



11.7863, 18.6104, 19.2268



0.1187, 0.1803, 0.2157

Inverse Universe

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



20.6167, 19.3449, 20.1012



34.5674, 31.4271, 32.1080



21.5149, 21.5178, 19.2395



5.4394, 5.4363, 5.8121



10.1424, 5.2140, 1.1351



0.1020, 0.0518, 0.0372

Previews

White Background



This preview shows how the XYZ color 21.3307, 24.8258, 27.7124 looks on a white background.

Color Contrast Check

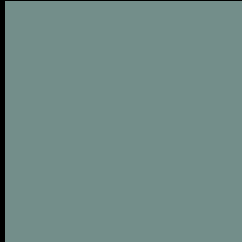
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3307, 24.8258, 27.7124 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

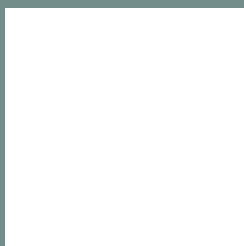
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3307, 24.8258, 27.7124

Background



This preview shows how black text looks on a background with the XYZ color 21.3307, 24.8258, 27.7124.



This preview shows how white text looks on a background with the XYZ color 21.3307, 24.8258,

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

21.3307, 24.8258, 27.7124

Protanopia

23.7547, 24.8185, 26.0927

Deuteranopia

25.1976, 24.6919, 28.2489



Tritanopia

22.4352, 24.8421, 32.8907

Trichromacy



Original Color

21.3307, 24.8258, 27.7124

Protanomaly

22.6676, 24.6721, 26.4891

Deuteranomaly

23.6177, 24.7066, 27.9502

Tritanomaly

22.0493, 24.9070, 30.8395

Monochromacy



Original Color

21.3307, 24.8258, 27.7124

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7815, 23.7932, 26.3662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3307, 24.8258, 27.7124 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(115, 142, 138)` looks like.

```
.text, #text, p{  
    color:rgb(115, 142, 138)  
}
```

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(115, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 142, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.3307, 24.8258, 27.7124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

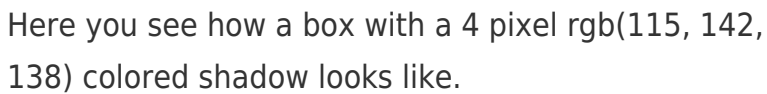
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 142, 138) }
```


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

```
.border{ border-color:rgb(115, 142, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 142, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 142, 138); box-shadow:4px 4px 4px 4px rgb(115, 142, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3307, 24.8258, 27.7124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 142, 138) }
```

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

```
.background{ background-color: rgb(115,  
142, 138) }
```

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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