

Converting Colors

XYZ(21.2354, 25.7271, 28.1770)

Have a look what the booklet for
XYZ(21.2354, 25.7271, 28.1770)
contains.

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Color

**XYZ(21.2458, 25.6731,
28.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	6D928B
RGB	109, 146, 139
RGB Percent	43%, 57%, 55%
CMY	0.5725, 0.4274, 0.4549
CMYK	0.25, 0.00, 0.05, 0.43
HSL	169°, 15%, 50%
HSV	169°, 25%, 57%
XYZ	21.2458, 25.6731, 28.2617
YIQ	134.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

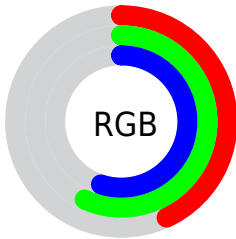
Format	Color
R _Y B	109, 129, 146
Decimal	7180939
CIE Lab	57.73, -14.34, -0.47
CIE LCh	58, 14.344, 181.859
Yxy	25.6731, 0.2826, 0.3415
Android (android.graphics.Color)	4285371019 (0xFF6D928B)
YUV	134.1390, 2.3965, -22.0469
Hunter-Lab	50.6686, -13.8235, 2.3976

Details

The XYZ color **21.2458, 25.6731, 28.2617** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4761, 18.3100, 18.9792**, and the grayscale version is **22.7084, 23.8910, 26.0173**.

A 20% lighter version of the original color is **44.8666, 52.6914, 57.6749**, and **7.7589, 9.8663, 10.9467** is the 20% darker color. If you saturate the color by 10%, you get **19.3976, 24.7440, 27.1351**, and if you desaturate by 10%, it is **23.3989, 26.7601, 29.4303**.

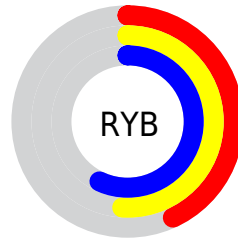
Distribution



Red (43%)

Green (57%)

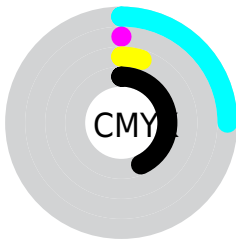
Blue (55%)



Red (43%)

Yellow (51%)

Blue (57%)

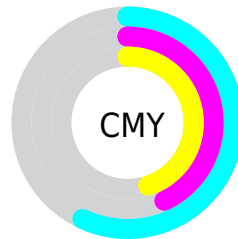


Cyan (25%)

Magenta (0%)

Yellow (5%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2458, 25.6731, 28.2617 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 21.2458, 25.6731, 28.2617 by changing the saturation by 10% instead.

■ 21.2458, 25.6731,
28.2617

■ 21.2458, 25.6731,
28.2617

251.2890,
281.1736, 307.6665

■ 13.4173, 16.5792,
18.2823

■ 44.9845, 52.7471,
57.9301

■ 7.7955, 9.9350,
10.9813

■ 61.6253, 71.4960,
78.4562

■ 4.0151, 5.3559,
5.9402

■ 81.9343, 94.2321,
103.3348

■ 1.7107, 2.4575,
2.7406

■ 106.2768,
121.3398, 132.9847

■ 0.4629, 0.8553,
0.9638

135.0182,
153.2033, 167.8242

■ 0.0000, 0.0000,
0.0000

168.5237,

190.2072, 208.2720

207.1589,
232.7359, 254.7466

■ 21.2458, 25.6731,
28.2617

■ 21.2458, 25.6731,
28.2617

■ 19.3976, 24.7440,
27.1351

■ 23.3989, 26.7601,
29.4303

■ 17.8374, 23.9622,
26.0478

■ 25.8685, 28.0090,
30.6401

■ 16.5499, 23.3203,
24.9996

■ 28.6683, 29.4275,
31.8923

■ 15.5175, 22.8094,
23.9894

■ 31.8103, 31.0219,
33.1877

■ 14.7205, 22.4192,
23.0160

■ 35.3061, 32.7980,
34.5271

■ 14.1363, 22.1382,
22.0782

■ 39.1668, 34.7616,
35.9111

■ 13.7341, 21.9504,
21.1744

■ 43.4028, 36.9182,
37.3405

■ 13.5716, 21.8756,
20.7633

■ 48.0243, 39.2727,
38.8158

■ 53.0409, 41.8304,
40.3378

Harmonies

Analogous

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



21.6023, 25.6731, 23.7238



21.2458, 25.6731, 28.2617



21.7013, 25.6731, 33.2518

Triad

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



21.2458, 25.6731, 28.2617



26.1874, 25.6731, 36.7860



25.9933, 25.6731, 20.4121

Complementary

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



21.2458, 25.6731, 28.2617



20.4761, 18.3100, 18.9792

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.



27.3169, 25.6731, 23.2504



21.2458, 25.6731, 28.2617



27.4326, 25.6731, 32.6586

Square

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



21.2458, 25.6731, 28.2617



24.5088, 25.6731, 38.5184



27.8552, 25.6731, 27.6478



24.2945, 25.6731, 19.5222

Rectangle

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



21.2458, 25.6731, 28.2617



22.4172, 25.6731, 36.0762



27.8552, 25.6731, 27.6478



26.4996, 25.6731, 21.1521

Sweetspot

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



21.2465, 25.6742, 28.2623



44.3469, 48.7580, 53.4410



20.2958, 25.4035, 18.3022



9.7290, 10.7777, 11.8226



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.



21.2465, 25.6742, 28.2623



35.6975, 44.3929, 48.8000



20.1459, 22.6276, 30.5011



5.9175, 6.5436, 7.1766



11.9502, 19.2529, 18.3112



0.1560, 0.2395, 0.2755

Inverse Universe

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



20.4761, 18.3100, 18.9792



34.1184, 29.2846, 29.7626



21.3438, 20.6730, 17.3339



5.8430, 5.8323, 6.2793



10.6188, 5.4526, 1.4735



0.1383, 0.0701, 0.0617

Previews

White Background



This preview shows how the XYZ color 21.2458, 25.6731, 28.2617 looks on a white background.

Color Contrast Check

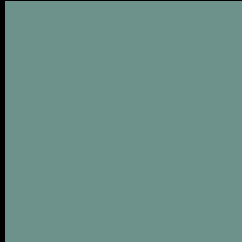
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2458, 25.6731, 28.2617 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

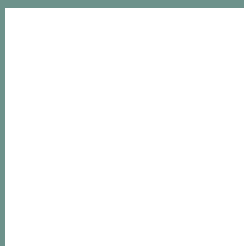
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2458, 25.6731, 28.2617

Background



This preview shows how black text looks on a background with the XYZ color 21.2458, 25.6731, 28.2617.



This preview shows how white text looks on a background with the XYZ color 21.2458, 25.6731,

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

21.2458, 25.6731, 28.2617

Protanopia

24.5469, 25.6490, 26.2112

Deuteranopia

25.9105, 25.4573, 28.7474



Tritanopia

22.5717, 25.7578, 34.7924

Trichromacy



Original Color

21.2458, 25.6731, 28.2617

Protanomaly

23.1747, 25.5732, 27.0072

Deuteranomaly

23.8138, 25.2213, 28.4240

Tritanomaly

22.1058, 25.8002, 32.2486

Monochromacy



Original Color

21.2458, 25.6731, 28.2617

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9899, 24.3145, 26.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2458, 25.6731, 28.2617 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(109, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 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(109, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.2458, 25.6731, 28.2617 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(109, 146, 139) }
```


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

```
.border{ border-color:rgb(109, 146, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 146, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 146, 139); box-shadow:4px 4px 4px 4px rgb(109, 146, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2458, 25.6731, 28.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 146, 139) }
```

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

```
.background{ background-color: rgb(109,  
146, 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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