

Converting Colors

XYZ(21.3076, 25.6315, 28.6208)

Have a look what the booklet for
XYZ(21.3076, 25.6315, 28.6208)
contains.

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Color

**XYZ(21.3192, 25.7024,
28.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	6D928C
RGB	109, 146, 140
RGB Percent	43%, 57%, 55%
CMY	0.5725, 0.4274, 0.4510
CMYK	0.25, 0.00, 0.04, 0.43
HSL	170°, 15%, 50%
HSV	170°, 25%, 57%
XYZ	21.3192, 25.7024, 28.6484
YIQ	134.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

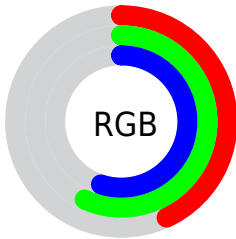
Format	Color
R _Y B	109, 129, 146
Decimal	7180940
CIE Lab	57.75, -14.11, -1.00
CIE LCh	58, 14.143, 184.039
Yxy	25.7024, 0.2817, 0.3397
Android (android.graphics.Color)	4285371020 (0xFF6D928C)
YUV	134.2530, 2.8333, -22.1469
Hunter-Lab	50.6975, -13.6583, 1.9844

Details

The XYZ color **21.3192, 25.7024, 28.6484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4181, 18.2868, 18.6743**, and the grayscale version is **22.7488, 23.9335, 26.0636**.

A 20% lighter version of the original color is **44.9779, 52.7359, 58.2605**, and **7.8012, 9.8833, 11.1694** is the 20% darker color. If you saturate the color by 10%, you get **19.4976, 24.7840, 27.6618**, and if you desaturate by 10%, it is **23.4444, 26.7782, 29.6699**.

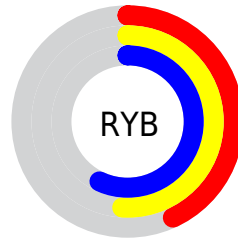
Distribution



Red (43%)

Green (57%)

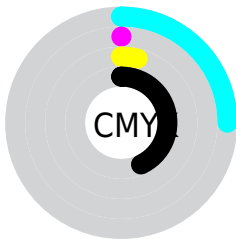
Blue (55%)



Red (43%)

Yellow (51%)

Blue (57%)

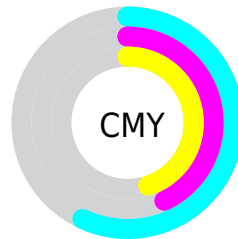


Cyan (25%)

Magenta (0%)

Yellow (4%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3192, 25.7024, 28.6484 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 21.3192, 25.7024, 28.6484 by changing the saturation by 10% instead.

■ 21.3192, 25.7024,
28.6484

■ 21.3192, 25.7024,
28.6484

251.6698,
281.3181, 309.5612

■ 13.4713, 16.6011,
18.5717

■ 45.1055, 52.7945,
58.5535

■ 7.8331, 9.9505,
11.1876

■ 61.7745, 71.5540,
79.2190

■ 4.0393, 5.3662,
6.0774

■ 82.1147, 94.3018,
104.2512

■ 1.7244, 2.4637,
2.8226

■ 106.4914,
121.4223, 134.0686

■ 0.4714, 0.8584,
1.0048

135.2699,
153.2997, 169.0897

■ 0.0000, 0.0000,
0.0000

168.8155,

190.3186, 209.7332

207.4937,
232.8632, 256.4175

■ 21.3192, 25.7024,
28.6484

■ 21.3192, 25.7024,
28.6484

■ 19.4976, 24.7840,
27.6618

■ 23.4444, 26.7782,
29.6699

■ 17.9627, 24.0122,
26.7076

■ 25.8847, 28.0154,
30.7253

■ 16.6991, 23.3799,
25.7855

■ 28.6537, 29.4217,
31.8160

■ 15.6894, 22.8781,
24.8945

■ 31.7637, 31.0032,
32.9427

■ 14.9137, 22.4964,
24.0336

■ 35.2261, 32.7660,
34.1059

■ 14.3496, 22.2235,
23.2016

■ 39.0519, 34.7156,
35.3063

■ 13.9662, 22.0432,
22.3970

■ 43.2516, 36.8576,
36.5446

■ 13.8121, 21.9717,
22.0298

■ 47.8353, 39.1971,
37.8213

■ 52.8128, 41.7391,
39.1369

Harmonies

Analogous

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



21.6136, 25.7024, 24.0937



21.3192, 25.7024, 28.6484



21.8259, 25.7024, 33.5445

Triad

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



21.3192, 25.7024, 28.6484



26.3002, 25.7024, 36.4583



25.8846, 25.7024, 20.4016

Complementary

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



21.3192, 25.7024, 28.6484



20.4181, 18.2868, 18.6743

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.



27.2320, 25.7024, 23.0774



21.3192, 25.7024, 28.6484



27.4796, 25.7024, 32.2755

Square

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



21.3192, 25.7024, 28.6484



24.6597, 25.7024, 38.3717



27.8282, 25.7024, 27.3330



24.2004, 25.7024, 19.6662

Rectangle

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



21.3192, 25.7024, 28.6484



22.5643, 25.7024, 36.2445



27.8282, 25.7024, 27.3330



26.3945, 25.7024, 21.0875

Sweetspot

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



21.3199, 25.7035, 28.6490



44.3903, 48.7754, 53.6696



20.1322, 25.3191, 18.2945



9.7403, 10.7822, 11.8819



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.



21.3199, 25.7035, 28.6490



35.8521, 44.4547, 49.6139



19.9749, 22.2856, 30.4440



5.9241, 6.5462, 7.2114



12.1610, 19.3372, 19.4214



0.1575, 0.2402, 0.2834

Inverse Universe

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



20.4181, 18.2868, 18.6743



34.0034, 29.2386, 29.1571



21.4932, 20.9719, 17.3837



5.8369, 5.8298, 6.2473



10.5797, 5.4369, 1.2679



0.1367, 0.0694, 0.0537

Previews

White Background



This preview shows how the XYZ color 21.3192, 25.7024, 28.6484 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 21.3192, 25.7024, 28.6484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

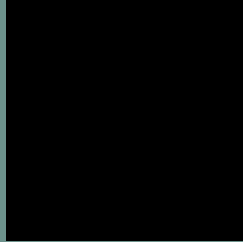
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3192, 25.7024, 28.6484

Background



This preview shows how black text looks on a background with the XYZ color 21.3192, 25.7024, 28.6484.



This preview shows how white text looks on a background with the XYZ color 21.3192, 25.7024,

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

21.3192, 25.7024, 28.6484

Protanopia

24.4462, 25.5889, 26.5724

Deuteranopia

25.9853, 25.4872, 29.1411



Tritanopia

22.5717, 25.7578, 34.7924

Trichromacy



Original Color

21.3192, 25.7024, 28.6484

Protanomaly

23.0935, 25.5230, 27.3762

Deuteranomaly

23.8879, 25.2509, 28.8142

Tritanomaly

22.1860, 25.8323, 32.6710

Monochromacy



Original Color

21.3192, 25.7024, 28.6484

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 21.3192, 25.7024, 28.6484 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.3192, 25.7024, 28.6484 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, 140) }
```


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

```
.border{ border-color:rgb(109, 146, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3192, 25.7024, 28.6484 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, 140) }
```

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

```
.background{ background-color: rgb(109,  
146, 140) }
```

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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