

Converting Colors

XYZ(20.4314, 22.9871, 28.1714)

Have a look what the booklet for
XYZ(20.4314, 22.9871, 28.1714)
contains.

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Color

**XYZ(20.4772, 23.0792,
28.1864)**

Conversions

Conversions Part 1

Format	Color
Hex	72888C
RGB	114, 136, 140
RGB Percent	45%, 53%, 55%
CMY	0.5529, 0.4667, 0.4510
CMYK	0.19, 0.03, 0.00, 0.45
HSL	189°, 10%, 50%
HSV	189°, 19%, 55%
XYZ	20.4772, 23.0792, 28.1864
YIQ	129.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

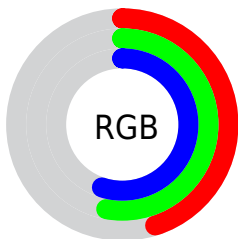
Format	Color
R_{YB}	114, 126, 140
Decimal	7506060
CIE _{Lab}	55.15, -6.96, -4.79
CIE _{LCh}	55, 8.443, 214.529
Yxy	23.0792, 0.2854, 0.3217
Android (android.graphics.Color)	4285696140 (0xFF72888C)
YUV	129.8780, 4.9901, -13.9250
Hunter-Lab	48.0408, -7.9865, -1.1579

Details

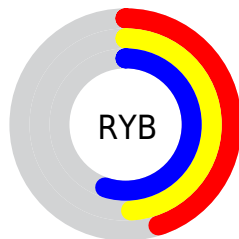
The XYZ color **20.4772, 23.0792, 28.1864** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3310, 19.7471, 18.6600**, and the grayscale version is **21.1621, 22.2642, 24.2457**.

A 20% lighter version of the original color is **43.6611, 48.3972, 58.0793**, and **7.3532, 8.5176, 10.9294** is the 20% darker color. If you saturate the color by 10%, you get **18.4938, 21.6117, 28.0081**, and if you desaturate by 10%, it is **22.7468, 24.7045, 28.3809**.

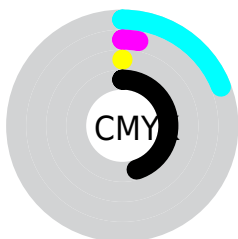
Distribution



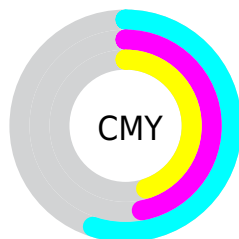
- Red (45%)
- Green (53%)
- Blue (55%)



- Red (45%)
- Yellow (49%)
- Blue (55%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4772, 23.0792, 28.1864 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 20.4772, 23.0792, 28.1864 by changing the saturation by 10% instead.

■ 20.4772, 23.0792,
28.1864

■ 20.4772, 23.0792,
28.1864

247.2715,
268.1315, 307.2964

■ 12.8527, 14.6520,
18.2260

■ 43.7137, 48.5233,
57.8086

■ 7.4035, 8.5755,
10.9412

■ 60.0563, 66.3091,
78.3074

■ 3.7642, 4.4654,
5.9136

■ 80.0357, 87.9831,
103.1561

■ 1.5696, 1.9371,
2.7247

■ 104.0173,
113.9298, 132.7732

■ 0.3725, 0.5706,
0.9558

132.3662,
144.5336, 167.5772

■ 0.0000, 0.0000,
0.0000

165.4480,

180.1789, 207.9867

203.6280,
221.2501, 254.4203

■ 20.4772, 23.0792,
28.1864

■ 20.4772, 23.0792,
28.1864

■ 18.4938, 21.6117,
28.0081

■ 22.7468, 24.7045,
28.3809

■ 16.7819, 20.2926,
27.8437

■ 25.3125, 26.4909,
28.5904

■ 15.3285, 19.1157,
27.6931

■ 28.1861, 28.4451,
28.8162

■ 14.1188, 18.0733,
27.5557

■ 31.3781, 30.5727,
29.0586

■ 13.1364, 17.1569,
27.4306

■ 34.8987, 32.8790,
29.3182

■ 12.3628, 16.3569,
27.3169

■ 38.7576, 35.3689,
29.5954

■ 11.7767, 15.6623,
27.2137

■ 42.9639, 38.0473,
29.8907

■ 11.3295, 15.0480,
27.1187

■ 47.5264, 40.9187,
30.2045

■ 11.2680, 14.9622,
27.1054

■ 52.4539, 43.9877,
30.5372

Harmonies

Analogous

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



20.1792, 23.0792, 25.5412



20.4772, 23.0792, 28.1864



21.1662, 23.0792, 30.1104

Triad

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



20.4772, 23.0792, 28.1864



23.6126, 23.0792, 27.4273



21.7933, 23.0792, 20.3039

Complementary

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



20.4772, 23.0792, 28.1864



20.3310, 19.7471, 18.6600

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.



22.7244, 23.0792, 20.7303



20.4772, 23.0792, 28.1864



23.7921, 23.0792, 24.7219

Square

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



20.4772, 23.0792, 28.1864



22.9791, 23.0792, 29.6506



23.4627, 23.0792, 22.3017



20.9252, 23.0792, 21.0927

Rectangle

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



20.4772, 23.0792, 28.1864



21.7638, 23.0792, 30.6559



23.4627, 23.0792, 22.3017



22.1093, 23.0792, 20.3104

Sweetspot

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



20.4779, 23.0801, 28.1869



41.1599, 44.2977, 50.1239



19.5820, 23.6396, 20.6396



9.4284, 10.1681, 11.5451



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.



20.4779, 23.0801, 28.1869



34.6829, 39.6511, 49.5684



18.7688, 19.6620, 27.6172



5.1085, 5.5599, 6.4098



10.0235, 13.3173, 24.0879



0.0748, 0.1049, 0.1628

Inverse Universe

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



21.2770, 19.3881, 25.9146



36.3555, 32.0364, 44.7865



21.9557, 22.9965, 19.2015



5.2014, 5.1160, 6.1489



12.5462, 6.1286, 15.9125



0.0875, 0.0424, 0.1275

Previews

White Background



This preview shows how the XYZ color 20.4772, 23.0792, 28.1864 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 20.4772, 23.0792, 28.1864 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

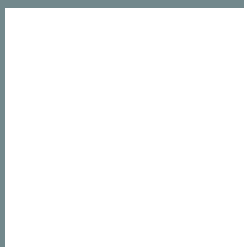
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4772, 23.0792, 28.1864

Background



This preview shows how black text looks on a background with the XYZ color 20.4772, 23.0792, 28.1864.



This preview shows how white text looks on a background with the XYZ color 20.4772, 23.0792,

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

20.4772, 23.0792, 28.1864

Protanopia

22.3045, 23.0253, 26.9357

Deuteranopia

23.4169, 22.9668, 28.7900



Tritanopia

20.9225, 23.0481, 30.5401

Trichromacy



Original Color

20.4772, 23.0792, 28.1864

Protanomaly

21.5792, 23.0457, 27.3557

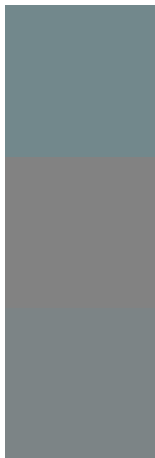
Deuteranomaly

22.2841, 22.9810, 28.4606

Tritanomaly

20.7682, 22.9864, 29.7278

Monochromacy



Original Color

20.4772, 23.0792, 28.1864

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.8665, 22.5088, 25.7991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4772, 23.0792, 28.1864 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(114, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(114, 136, 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(114, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.4772, 23.0792, 28.1864 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(114, 136, 140) }
```


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

```
.border{ border-color:rgb(114, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(114, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4772, 23.0792, 28.1864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 136, 140) }
```

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

```
.background{ background-color: rgb(114,  
136, 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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