

Converting Colors

XYZ(20.1653, 22.4707, 28.4741)

Have a look what the booklet for
XYZ(20.1653, 22.4707, 28.4741)
contains.

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Color

**XYZ(20.1429, 22.4840,
28.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	71868D
RGB	113, 134, 141
RGB Percent	44%, 53%, 55%
CMY	0.5569, 0.4745, 0.4471
CMYK	0.20, 0.05, 0.00, 0.45
HSL	195°, 11%, 50%
HSV	195°, 20%, 55%
XYZ	20.1429, 22.4840, 28.4775
YIQ	128.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

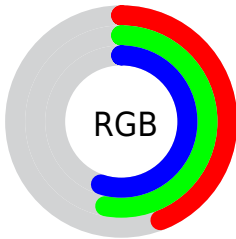
Format	Color
R_{YB}	113, 125, 141
Decimal	7440013
CIE _{Lab}	54.54, -5.94, -6.29
CIE _{LCh}	55, 8.647, 226.643
Yxy	22.4840, 0.2833, 0.3162
Android (android.graphics.Color)	4285630093 (0xFF71868D)
YUV	128.5190, 6.1531, -13.6102
Hunter-Lab	47.4173, -7.1533, -2.4158

Details

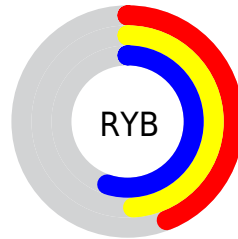
The XYZ color **20.1429, 22.4840, 28.4775** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6819, 20.2880, 18.4493**, and the grayscale version is **20.6817, 21.7587, 23.6953**.

A 20% lighter version of the original color is **43.1377, 47.4801, 58.5207**, and **7.1730, 8.1860, 11.0995** is the 20% darker color. If you saturate the color by 10%, you get **17.9891, 20.6631, 28.2399**, and if you desaturate by 10%, it is **22.5961, 24.4845, 28.7347**.

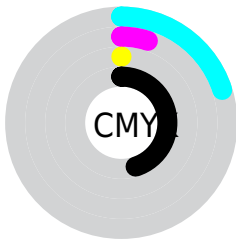
Distribution



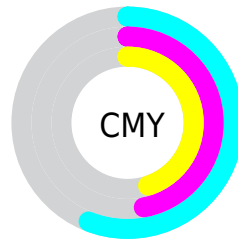
- Red (44%)
- Green (53%)
- Blue (55%)



- Red (44%)
- Yellow (49%)
- Blue (55%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1429, 22.4840, 28.4775 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 20.1429, 22.4840, 28.4775 by changing the saturation by 10% instead.

■ 20.1429, 22.4840,
28.4775

■ 20.1429, 22.4840,
28.4775

245.5065,
265.0635, 308.7250

■ 12.6078, 14.2130,
18.4437

■ 43.1588, 47.5447,
58.2781

■ 7.2342, 8.2689,
11.0963

■ 59.3702, 65.1031,
78.8821

■ 3.6566, 4.2675,
6.0167

■ 79.2046, 86.5260,
103.8466

■ 1.5098, 1.8243,
2.7863

■ 103.0271,
112.1980, 133.5900

■ 0.3325, 0.5023,
0.9866

131.2032,
142.5033, 168.5311

■ 0.0000, 0.0000,
0.0000

164.0983,

177.8264, 209.0882

202.0776,
218.5517, 255.6800

■ 20.1429, 22.4840,
28.4775

■ 20.1429, 22.4840,
28.4775

■ 17.9891, 20.6631,
28.2399

■ 22.5961, 24.4845,
28.7347

■ 16.1196, 19.0121,
28.0198

■ 25.3591, 26.6684,
29.0106

■ 14.5209, 17.5244,
27.8169

■ 28.4440, 29.0429,
29.3063

■ 13.1777, 16.1917,
27.6304

■ 31.8619, 31.6137,
29.6224

■ 12.0728, 15.0050,
27.4596

■ 35.6232, 34.3866,
29.9594

■ 11.1870, 13.9542,
27.3035

■ 39.7378, 37.3669,
30.3178

■ 10.4979, 13.0275,
27.1609

■ 44.2153, 40.5596,
30.6981

■ 9.9447, 12.1932,
27.0290

■ 49.0649, 43.9698,
31.1007

■ 9.9370, 12.1816,
27.0272

■ 54.2954, 47.6023,
31.5261

Harmonies

Analogous

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



19.6707, 22.4840, 26.0074



20.1429, 22.4840, 28.4775



20.9519, 22.4840, 29.9212

Triad

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



20.1429, 22.4840, 28.4775



23.1938, 22.4840, 25.7075



20.8524, 22.4840, 19.8114

Complementary

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



20.1429, 22.4840, 28.4775



20.6819, 20.2880, 18.4493

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.



21.7944, 22.4840, 19.7442



20.1429, 22.4840, 28.4775



23.1653, 22.4840, 23.0160

Square

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



20.1429, 22.4840, 28.4775



22.7236, 22.4840, 28.2440



22.6467, 22.4840, 20.8775



20.0719, 22.4840, 21.0685

Rectangle

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



20.1429, 22.4840, 28.4775



21.5820, 22.4840, 30.0428



22.6467, 22.4840, 20.8775



21.1602, 22.4840, 19.6523

Sweetspot

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



20.1436, 22.4849, 28.4780



42.2443, 45.2662, 51.6386



19.6973, 23.9057, 21.1978



9.3759, 10.0631, 11.5277



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.



20.1436, 22.4849, 28.4780



34.2115, 38.7080, 50.7961



18.3910, 18.9798, 27.8938



5.4477, 5.8912, 6.8787



9.0735, 11.1330, 24.6477



0.1042, 0.1413, 0.2415

Inverse Universe

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



21.1933, 19.1948, 25.1432



36.4848, 31.7630, 43.5337



22.4263, 23.7769, 19.0307



5.5694, 5.4883, 6.4967



12.3830, 6.1102, 12.9341



0.1272, 0.0619, 0.1700

Previews

White Background



This preview shows how the XYZ color 20.1429, 22.4840, 28.4775 looks on a white background.

Color Contrast Check

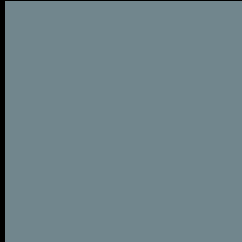
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1429, 22.4840, 28.4775 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

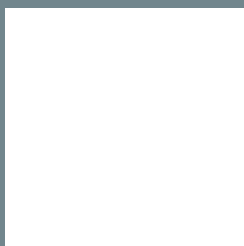
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1429, 22.4840, 28.4775

Background



This preview shows how black text looks on a background with the XYZ color 20.1429, 22.4840, 28.4775.

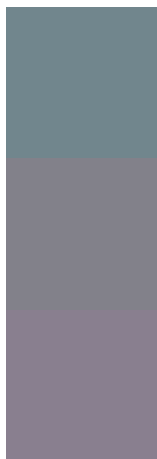


This preview shows how white text looks on a background with the XYZ color 20.1429, 22.4840,

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

20.1429, 22.4840, 28.4775

Protanopia

21.6436, 22.2813, 27.2047

Deuteranopia

22.8638, 22.4803, 29.1207



Tritanopia

20.4986, 22.6412, 29.6754

Trichromacy



Original Color

20.1429, 22.4840, 28.4775

Protanomaly

21.0887, 22.3818, 27.6347

Deuteranomaly

21.7672, 22.5075, 28.7883

Tritanomaly

20.4225, 22.6108, 29.2745

Monochromacy



Original Color

20.1429, 22.4840, 28.4775

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.5183, 22.1370, 25.3817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1429, 22.4840, 28.4775 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(113, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(113, 134, 141)  
}
```

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(113, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 134, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.1429, 22.4840, 28.4775 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(113, 134, 141) }
```


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

```
.border{ border-color:rgb(113, 134, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 134, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(113, 134,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1429, 22.4840, 28.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 134, 141) }
```

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

```
.background{ background-color: rgb(113,  
134, 141) }
```

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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