

Converting Colors

XYZ(20.2779, 24.0303, 28.8120)

Have a look what the booklet for
XYZ(20.2779, 24.0303, 28.8120)
contains.

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Color

**XYZ(20.2765, 24.0370,
28.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8D8D
RGB	106, 141, 141
RGB Percent	42%, 55%, 55%
CMY	0.5843, 0.4470, 0.4471
CMYK	0.25, 0.00, 0.00, 0.45
HSL	180°, 14%, 48%
HSV	180°, 25%, 55%
XYZ	20.2765, 24.0370, 28.7702
YIQ	130.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

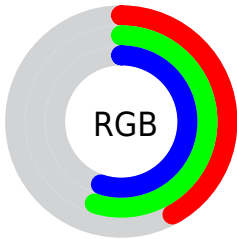
Format	Color
RYB	106, 124, 141
Decimal	6983053
CIELab	56.12, -12.12, -3.99
CIElCh	56, 12.762, 198.198
Yxy	24.0370, 0.2774, 0.3289
Android (android.graphics.Color)	4285173133 (0xFF6A8D8D)
YUV	130.5350, 5.1592, -21.5172
Hunter-Lab	49.0275, -11.9753, -0.4731

Details

The XYZ color **20.2765, 24.0370, 28.7702** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7410, 17.0122, 15.9327**, and the grayscale version is **21.3959, 22.5101, 24.5135**.

A 20% lighter version of the original color is **43.4660, 50.2394, 59.0360**, and **7.3168, 9.1074, 11.2698** is the 20% darker color. If you saturate the color by 10%, you get **18.7369, 23.2439, 28.6984**, and if you desaturate by 10%, it is **22.0931, 24.9741, 28.8560**.

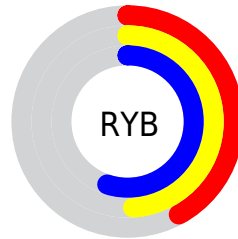
Distribution



Red (42%)

Green (55%)

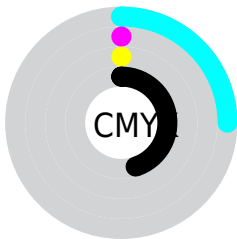
Blue (55%)



Red (42%)

Yellow (49%)

Blue (55%)

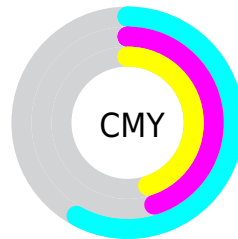


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2765, 24.0370, 28.7702 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 20.2765, 24.0370, 28.7702 by changing the saturation by 10% instead.

■ 20.2765, 24.0370,
28.7702

■ 20.2765, 24.0370,
28.7702

246.2132,
273.0075, 310.1561

■ 12.7056, 15.3611,
18.6630

■ 43.3807, 50.0906,
58.7496

■ 7.3017, 9.0732,
11.2527

■ 59.6447, 68.2370,
79.4589

■ 3.6995, 4.7889,
6.1207

■ 79.5372, 90.3091,
104.5392

■ 1.5336, 2.1240,
2.8487

■ 103.4234,
116.6911, 134.4092

■ 0.3485, 0.6781,
1.0179

131.6687,
147.7676, 169.4873

■ 0.0000, 0.0000,
0.0000

164.6386,

183.9229, 210.1921

202.6983,
225.5414, 256.9422

■ 20.2765, 24.0370,
28.7702

■ 20.2765, 24.0370,
28.7702

■ 18.7369, 23.2439,
28.6984

■ 22.0931, 24.9741,
28.8560

■ 17.4586, 22.5850,
28.6383

■ 24.1971, 26.0587,
28.9547

■ 16.4279, 22.0536,
28.5898

■ 26.6009, 27.2979,
29.0675

■ 15.6287, 21.6416,
28.5521

■ 29.3157, 28.6974,
29.1948

■ 15.0431, 21.3397,
28.5244

■ 32.3519, 30.2627,
29.3372

■ 14.6506, 21.1374,
28.5058

■ 35.7198, 31.9989,
29.4951

■ 14.4241, 21.0206,
28.4949

■ 39.4287, 33.9109,
29.6689

■ 14.3327, 20.9735,
28.4905

■ 43.4881, 36.0036,
29.8592

■ 47.9067, 38.2815,
30.0662

Harmonies

Analogous

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



20.2016, 24.0370, 24.5585



20.2765, 24.0370, 28.7702



21.0219, 24.0370, 32.6502

Triad

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



20.2765, 24.0370, 28.7702



25.0087, 24.0370, 31.9190



23.4267, 24.0370, 19.0506

Complementary

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



20.2765, 24.0370, 28.7702



18.7410, 17.0122, 15.9327

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.



24.7736, 24.0370, 20.6133



20.2765, 24.0370, 28.7702



25.7127, 24.0370, 27.8551

Square

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



20.2765, 24.0370, 28.7702



23.7364, 24.0370, 34.5975



25.6249, 24.0370, 23.7355



21.9790, 24.0370, 19.2395

Rectangle

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



20.2765, 24.0370, 28.7702



21.8173, 24.0370, 34.3892



25.6249, 24.0370, 23.7355



23.9074, 24.0370, 19.3810

Sweetspot

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



20.2772, 24.0380, 28.7707



42.4070, 46.1886, 51.8077



18.1406, 23.1914, 17.1566



9.4300, 10.2948, 11.5694



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.



20.2772, 24.0380, 28.7707



34.6476, 42.1885, 51.4435



17.9705, 19.4243, 28.0025



5.5603, 6.1163, 6.9162



13.0682, 19.1231, 25.9770



0.1249, 0.1828, 0.2484

Inverse Universe

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



18.7410, 17.0122, 15.9327



31.3894, 27.2877, 24.2156



20.6595, 20.8495, 16.5718



5.4089, 5.4241, 5.6513



10.0159, 5.1634, 0.4689



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 20.2765, 24.0370, 28.7702 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 20.2765, 24.0370, 28.7702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

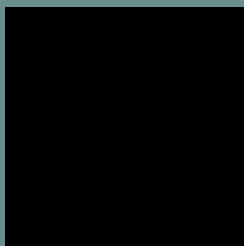
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

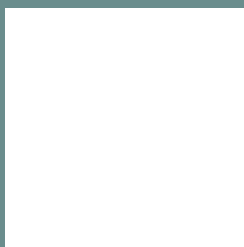
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2765, 24.0370, 28.7702

Background



This preview shows how black text looks on a background with the XYZ color 20.2765, 24.0370, 28.7702.



This preview shows how white text looks on a background with the XYZ color 20.2765, 24.0370,

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

20.2765, 24.0370, 28.7702

Protanopia

23.0562, 23.8154, 27.0486

Deuteranopia

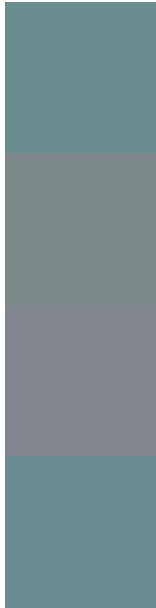
24.2682, 23.7881, 29.2991



Tritanopia

21.1483, 24.1787, 32.8305

Trichromacy



Original Color

20.2765, 24.0370, 28.7702

Protanomaly

21.8491, 23.8033, 27.4877

Deuteranomaly

22.6135, 23.7490, 28.9833

Tritanomaly

20.7079, 23.9886, 31.1426

Monochromacy



Original Color

20.2765, 24.0370, 28.7702

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.0632, 23.2148, 26.2924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2765, 24.0370, 28.7702 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(106, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(106, 141, 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(106, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.2765, 24.0370, 28.7702 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(106, 141, 141) }
```


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

```
.border{ border-color:rgb(106, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(106, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2765, 24.0370, 28.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 141, 141) }
```

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

```
.background{ background-color: rgb(106,  
141, 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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