

Converting Colors

XYZ(20.5782, 24.2988, 29.4690)

Have a look what the booklet for
XYZ(20.5782, 24.2988, 29.4690)
contains.

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Color

**XYZ(20.6943, 24.4550,
29.6162)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8E8F
RGB	107, 142, 143
RGB Percent	42%, 56%, 56%
CMY	0.5804, 0.4431, 0.4392
CMYK	0.25, 0.01, 0.00, 0.44
HSL	182°, 14%, 49%
HSV	182°, 25%, 56%
XYZ	20.6943, 24.4550, 29.6162
YIQ	131.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

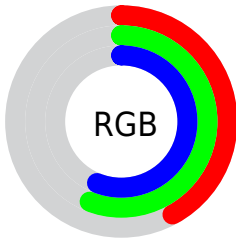
Format	Color
R_{YB}	107, 125, 143
Decimal	7048847
CIE _{Lab}	56.54, -11.88, -4.51
CIE _{LCh}	57, 12.706, 200.813
Yxy	24.4550, 0.2768, 0.3271
Android (android.graphics.Color)	4285238927 (0xFF6B8E8F)
YUV	131.6490, 5.5960, -21.6172
Hunter-Lab	49.4520, -11.8437, -0.8917

Details

The XYZ color **20.6943, 24.4550, 29.6162** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3443, 17.6263, 16.2929**, and the grayscale version is **21.7923, 22.9272, 24.9678**.

A 20% lighter version of the original color is **44.1160, 50.8820, 60.3194**, and **7.5479, 9.3441, 11.7617** is the 20% darker color. If you saturate the color by 10%, you get **19.0566, 23.5239, 29.5232**, and if you desaturate by 10%, it is **22.6180, 25.5351, 29.7237**.

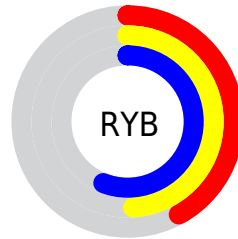
Distribution



Red (42%)

Green (56%)

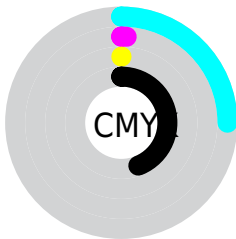
Blue (56%)



Red (42%)

Yellow (49%)

Blue (56%)

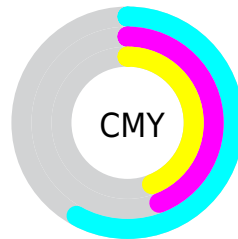


Cyan (25%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6943, 24.4550, 29.6162 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 20.6943, 24.4550, 29.6162 by changing the saturation by 10% instead.

■ 20.6943, 24.4550,
29.6162

■ 20.6943, 24.4550,
29.6162

248.4120,
275.1128, 314.2628

■ 13.0119, 15.6715,
19.2979

■ 44.0733, 50.7717,
60.1085

■ 7.5138, 9.2920,
11.7067

■ 60.5007, 69.0736,
81.1196

■ 3.8346, 4.9321,
6.4242

■ 80.5737, 91.3172,
106.5320

■ 1.6090, 2.2075,
3.0318

■ 104.6578,
117.8867, 136.7642

■ 0.3983, 0.7241,
1.1109

133.1184,
149.1667, 172.2349

■ 0.0000, 0.0000,
0.0000

166.3207,

185.5414, 213.3625

204.6301,
227.3953, 260.5656

■ 20.6943, 24.4550,
29.6162

■ 20.6943, 24.4550,
29.6162

■ 19.0566, 23.5239,
29.5232

■ 22.6180, 25.5351,
29.7237

■ 17.6888, 22.7317,
29.4424

■ 24.8386, 26.7678,
29.8446

■ 16.5764, 22.0715,
29.3736

■ 27.3689, 28.1606,
29.9801

■ 15.7028, 21.5346,
29.3160

■ 30.2206, 29.7194,
30.1306

■ 15.0494, 21.1116,
29.2688

■ 33.4045, 31.4497,
30.2968

■ 14.5948, 20.7914,
29.2309

■ 36.9310, 33.3570,
30.4791

■ 14.3101, 20.5591,
29.2011

■ 40.8102, 35.4463,
30.6779

■ 14.1959, 20.4591,
29.1878

■ 45.0515, 37.7227,
30.8938

■ 49.6641, 40.1909,
31.1270

Harmonies

Analogous

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



20.5571, 24.4550, 25.3525



20.6943, 24.4550, 29.6162



21.4988, 24.4550, 33.4258

Triad

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



20.6943, 24.4550, 29.6162



25.5100, 24.4550, 32.0914



23.6991, 24.4550, 19.3926

Complementary

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



20.6943, 24.4550, 29.6162



19.3443, 17.6263, 16.2929

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.



25.0806, 24.4550, 20.8195



20.6943, 24.4550, 29.6162



26.1548, 24.4550, 27.9442

Square

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



20.6943, 24.4550, 29.6162



24.2652, 24.4550, 34.9565



25.9944, 24.4550, 23.8466



22.2514, 24.4550, 19.7390

Rectangle

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



20.6943, 24.4550, 29.6162



22.3248, 24.4550, 35.0509



25.9944, 24.4550, 23.8466



24.1876, 24.4550, 19.6746

Sweetspot

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



20.6950, 24.4560, 29.6168



43.2333, 47.2456, 53.3787



18.5718, 23.8454, 17.7001



9.7853, 10.7629, 12.2339



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.



20.6950, 24.4560, 29.6168



35.3974, 42.8531, 52.9439



18.2796, 19.6251, 28.8116



5.5476, 6.0910, 6.9121



12.5543, 18.0947, 25.8080



0.1226, 0.1782, 0.2476

Inverse Universe

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



21.4684, 18.3085, 27.9948



37.0244, 29.9904, 49.5162



21.3917, 21.7212, 16.9754



5.6199, 5.5085, 6.7623



14.1400, 6.8130, 22.1861



0.1365, 0.0657, 0.2191

Previews

White Background



This preview shows how the XYZ color 20.6943, 24.4550, 29.6162 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 20.6943, 24.4550, 29.6162 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

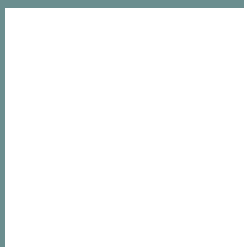
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6943, 24.4550, 29.6162

Background



This preview shows how black text looks on a background with the XYZ color 20.6943, 24.4550, 29.6162.



This preview shows how white text looks on a background with the XYZ color 20.6943, 24.4550,

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

20.6943, 24.4550, 29.6162

Protanopia

23.5018, 24.2326, 27.8648

Deuteranopia

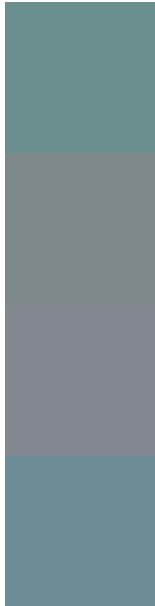
24.7287, 24.2062, 30.1570



Tritanopia

21.4990, 24.5680, 33.3147

Trichromacy



Original Color

20.6943, 24.4550, 29.6162

Protanomaly

22.2835, 24.2204, 28.3115

Deuteranomaly

23.0581, 24.1669, 29.8349

Tritanomaly

21.1340, 24.4078, 32.0311

Monochromacy



Original Color

20.6943, 24.4550, 29.6162

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4165, 23.5968, 26.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6943, 24.4550, 29.6162 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(107, 142, 143)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 143)  
}
```

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(107, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 20.6943, 24.4550, 29.6162 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(107, 142, 143) }
```


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

```
.border{ border-color:rgb(107, 142, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(107, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6943, 24.4550, 29.6162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 143) }
```

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

```
.background{ background-color: rgb(107,  
142, 143) }
```

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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