

Converting Colors

XYZ(20.4595, 22.6088, 27.6679)

Have a look what the booklet for
XYZ(20.4595, 22.6088, 27.6679)
contains.

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Color

**XYZ(20.5214, 22.6962,
27.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	75868B
RGB	117, 134, 139
RGB Percent	46%, 53%, 55%
CMY	0.5412, 0.4745, 0.4549
CMYK	0.16, 0.04, 0.00, 0.45
HSL	194°, 9%, 50%
HSV	194°, 16%, 55%
XYZ	20.5214, 22.6962, 27.7253
YIQ	129.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

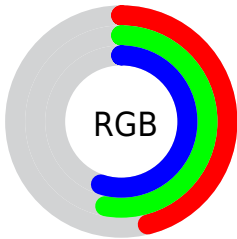
Format	Color
R_{YB}	117, 127, 139
Decimal	7702155
CIE _{Lab}	54.76, -5.03, -4.77
CIE _{LCh}	55, 6.935, 223.452
Yxy	22.6962, 0.2893, 0.3199
Android (android.graphics.Color)	4285892235 (0xFF75868B)
YUV	129.4870, 4.6899, -10.9511
Hunter-Lab	47.6405, -6.4811, -1.1566

Details

The XYZ color **20.5214, 22.6962, 27.7253** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8180, 20.6922, 19.7268**, and the grayscale version is **21.0247, 22.1196, 24.0882**.

A 20% lighter version of the original color is **43.6469, 47.7814, 56.7915**, and **7.3574, 8.2909, 10.6637** is the 20% darker color. If you saturate the color by 10%, you get **18.3609, 20.9447, 27.5015**, and if you desaturate by 10%, it is **22.9736, 24.6186, 27.9675**.

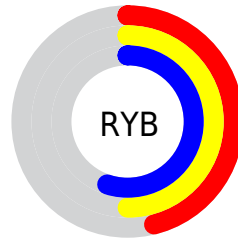
Distribution



Red (46%)

Green (53%)

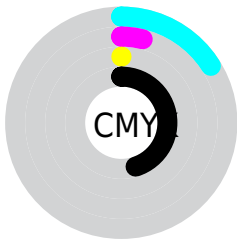
Blue (55%)



Red (46%)

Yellow (50%)

Blue (55%)

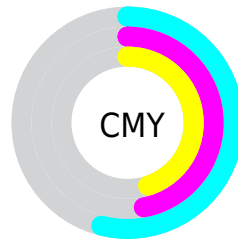


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5214, 22.6962, 27.7253 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 20.5214, 22.6962, 27.7253 by changing the saturation by 10% instead.

■ 20.5214, 22.6962,
27.7253

■ 20.5214, 22.6962,
27.7253

247.5041,
266.1608, 305.0225

■ 12.8851, 14.3693,
17.8815

■ 43.7869, 47.8940,
57.0634

■ 7.4259, 8.3780,
10.6963

■ 60.1469, 65.5337,
77.3947

■ 3.7785, 4.3378,
5.7514

■ 80.1454, 87.0466,
102.0589

■ 1.5776, 1.8642,
2.6282

104.1478,
112.8169, 131.4746

■ 0.3778, 0.5267,
0.9070

132.5196,
143.2290, 166.0602

■ 0.0000, 0.0000,
0.0000

165.6259,

178.6675, 206.2344

203.8323,
219.5166, 252.4156

■ 20.5214, 22.6962,
27.7253

■ 20.5214, 22.6962,
27.7253

■ 18.3609, 20.9447,
27.5015

■ 22.9736, 24.6186,
27.9675

■ 16.4779, 19.3549,
27.2938

■ 25.7271, 26.7152,
28.2270

■ 14.8597, 17.9206,
27.1023

■ 28.7933, 28.9928,
28.5051

■ 13.4922, 16.6343,
26.9261

■ 32.1828, 31.4568,
28.8020

■ 12.3595, 15.4878,
26.7645

■ 35.9052, 34.1125,
29.1184

■ 11.4440, 14.4718,
26.6166

■ 39.9701, 36.9649,
29.4547

■ 10.7257, 13.5757,
26.4815

■ 44.3865, 40.0187,
29.8114

■ 10.1739, 12.7836,
26.3577

■ 49.1631, 43.2788,
30.1889

■ 9.9622, 12.4679,
26.3079

■ 54.3082, 46.7494,
30.5876

Harmonies

Analogous

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



20.1724, 22.6962, 25.7056



20.5214, 22.6962, 27.7253



21.1557, 22.6962, 28.9759

Triad

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



20.5214, 22.6962, 27.7253



23.0135, 22.6962, 25.9321



21.2316, 22.6962, 20.8362

Complementary

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



20.5214, 22.6962, 27.7253



20.8180, 20.6922, 19.7268

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.



21.9939, 22.6962, 20.8889



20.5214, 22.6962, 27.7253



23.0350, 22.6962, 23.7449

Square

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



20.5214, 22.6962, 27.7253



22.5999, 22.6962, 27.8995



22.6580, 22.6962, 21.9259



20.5758, 22.6962, 21.7776

Rectangle

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



20.5214, 22.6962, 27.7253



21.6608, 22.6962, 29.1619



22.6580, 22.6962, 21.9259



21.4836, 22.6962, 20.7400

Sweetspot

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



20.5221, 22.6971, 27.7258



41.4771, 44.3462, 50.1166



20.0675, 23.6469, 21.8436



9.4903, 10.1668, 11.5416



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.



20.5221, 22.6971, 27.7258



35.3044, 39.4865, 49.5039



19.1086, 19.8702, 27.2547



5.0781, 5.4992, 6.3996



9.0044, 11.2791, 23.7482



0.0707, 0.0967, 0.1614

Inverse Universe

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



21.3123, 19.9332, 25.2796



37.0128, 33.6149, 44.1922



22.2143, 23.4849, 20.1922



5.1861, 5.1099, 6.0682



12.0318, 5.9228, 13.2037



0.0854, 0.0415, 0.1167

Previews

White Background



This preview shows how the XYZ color 20.5214, 22.6962, 27.7253 looks on a white background.

Color Contrast Check

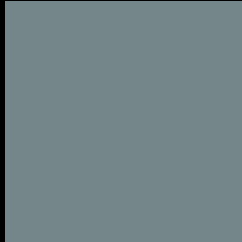
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5214, 22.6962, 27.7253 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

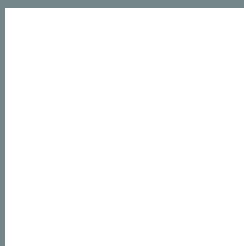
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5214, 22.6962, 27.7253

Background



This preview shows how black text looks on a background with the XYZ color 20.5214, 22.6962, 27.7253.



This preview shows how white text looks on a background with the XYZ color 20.5214, 22.6962,

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

20.5214, 22.6962, 27.7253

Protanopia

21.8581, 22.5967, 26.8765

Deuteranopia

22.9705, 22.5612, 27.9550



Tritanopia

20.8928, 22.6402, 29.6544

Trichromacy



Original Color

20.5214, 22.6962, 27.7253

Protanomaly

21.3079, 22.5032, 27.2653

Deuteranomaly

22.0763, 22.6840, 28.0258

Tritanomaly

20.7412, 22.5796, 28.8563

Monochromacy



Original Color

20.5214, 22.6962, 27.7253

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.8074, 22.2860, 25.3953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5214, 22.6962, 27.7253 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(117, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(117, 134, 139)  
}
```

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(117, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.5214, 22.6962, 27.7253 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(117, 134, 139) }
```


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

```
.border{ border-color:rgb(117, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(117, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5214, 22.6962, 27.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 134, 139) }
```

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

```
.background{ background-color: rgb(117,  
134, 139) }
```

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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