

Converting Colors

XYZ(20.2794, 21.5352, 29.0745)

Have a look what the booklet for
XYZ(20.2794, 21.5352, 29.0745)
contains.

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Color

**XYZ(20.2794, 21.5352,
29.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	76818F
RGB	118, 129, 143
RGB Percent	46%, 51%, 56%
CMY	0.5372, 0.4941, 0.4392
CMYK	0.17, 0.10, 0.00, 0.44
HSL	214°, 10%, 51%
HSV	214°, 17%, 56%
XYZ	20.2794, 21.5352, 29.0745
YIQ	127.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

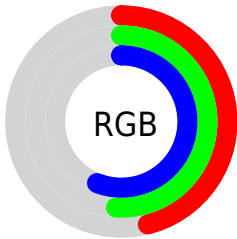
Format	Color
R _Y B	118, 126, 143
Decimal	7766415
CIE Lab	53.53, -0.93, -8.91
CIE LCh	54, 8.958, 264.066
Yxy	21.5352, 0.2861, 0.3038
Android (android.graphics.Color)	4285956495 (0xFF76818F)
YUV	127.3070, 7.7366, -8.1622
Hunter-Lab	46.4060, -3.2062, -4.6624

Details

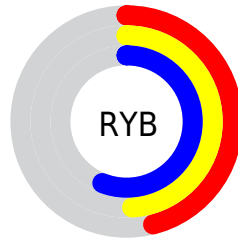
The XYZ color **20.2794, 21.5352, 29.0745** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8492, 23.6503, 20.5007**, and the grayscale version is **20.2558, 21.3107, 23.2073**.

A 20% lighter version of the original color is **43.3836, 46.0332, 59.4221**, and **7.2987, 7.7928, 11.4754** is the 20% darker color. If you saturate the color by 10%, you get **17.4691, 18.5821, 28.6529**, and if you desaturate by 10%, it is **23.4681, 24.8073, 29.5384**.

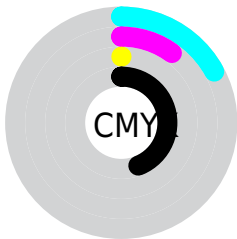
Distribution



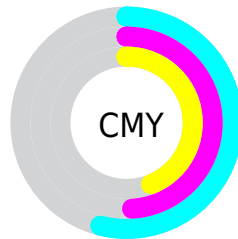
- Red (46%)
- Green (51%)
- Blue (56%)



- Red (46%)
- Yellow (49%)
- Blue (56%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (54%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2794, 21.5352, 29.0745 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 20.2794, 21.5352, 29.0745 by changing the saturation by 10% instead.

■ 20.2794, 21.5352,
29.0745

■ 20.2794, 21.5352,
29.0745

246.2285,
260.1093, 311.6382

■ 12.7077, 13.5158,
18.8911

■ 43.3855, 45.9766,
59.2390

■ 7.3032, 7.7847,
11.4156

■ 59.6507, 63.1673,
80.0573

■ 3.7005, 3.9575,
6.2294

■ 79.5444, 84.1839,
105.2575

■ 1.5341, 1.6498,
2.9141

103.4320,
109.4108, 135.2584

■ 0.3489, 0.3908,
1.0509

131.6788,
139.2324, 170.4783

■ 0.0000, 0.0000,
0.0000

164.6503,

174.0331, 211.3359

202.7118,
214.1973, 258.2497

■ 20.2794, 21.5352,
29.0745

■ 20.2794, 21.5352,
29.0745

■ 17.4691, 18.5821,
28.6529

■ 23.4681, 24.8073,
29.5384

■ 15.0203, 15.9346,
28.2710

■ 27.0474, 28.4056,
30.0442

■ 12.9172, 13.5824,
27.9278

■ 31.0314, 32.3406,
30.5938

■ 11.1425, 11.5135,
27.6220

■ 35.4330, 36.6214,
31.1881

■ 9.6770, 9.7149,
27.3521

■ 40.2643, 41.2568,
31.8282

■ 8.4993, 8.1723,
27.1164

■ 45.5370, 46.2552,
32.5151

■ 7.5850, 6.8696,
26.9132

■ 51.2622, 51.6248,
33.2497

■ 6.8902, 5.7806,
26.7396

■ 57.4509, 57.3733,
34.0331

■ 6.7315, 5.5303,
26.6996

■ 64.1135, 63.5084,
34.8662

Harmonies

Analogous

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



19.4103, 21.5352, 27.9668



20.2794, 21.5352, 29.0745



21.2262, 21.5352, 28.5825

Triad

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



20.2794, 21.5352, 29.0745



22.1905, 21.5352, 21.3694



19.0182, 21.5352, 20.4968

Complementary

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



20.2794, 21.5352, 29.0745



22.8492, 23.6503, 20.5007

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.



19.7292, 21.5352, 18.9688



20.2794, 21.5352, 29.0745



21.5646, 21.5352, 19.4445

Square

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



20.2794, 21.5352, 29.0745



22.3489, 21.5352, 23.9958



20.6589, 21.5352, 18.5990



18.6968, 21.5352, 22.9089

Rectangle

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



20.2794, 21.5352, 29.0745



21.7717, 21.5352, 27.4315



20.6589, 21.5352, 18.5990



19.2185, 21.5352, 19.8705

Sweetspot

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



20.2800, 21.5361, 29.0750



43.4858, 45.9028, 53.1062



21.4419, 25.1560, 25.4661



9.8827, 10.4360, 12.1657



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.



20.2800, 21.5361, 29.0750



34.2442, 36.4044, 51.7599



19.0790, 18.8802, 28.6257



5.3127, 5.6211, 6.8337



5.9721, 4.9303, 23.6140



0.0785, 0.0898, 0.2329

Inverse Universe

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



21.7691, 20.3820, 23.5566



37.4534, 34.0333, 39.8407



24.2054, 26.6820, 21.0144



5.5013, 5.4610, 6.1378



10.8176, 5.4840, 4.6907



0.1142, 0.0567, 0.1016

Previews

White Background



This preview shows how the XYZ color 20.2794, 21.5352, 29.0745 looks on a white background.

Color Contrast Check

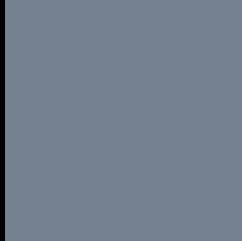
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2794, 21.5352, 29.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

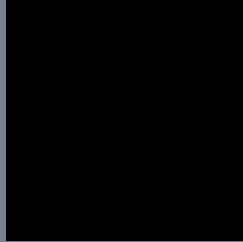
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

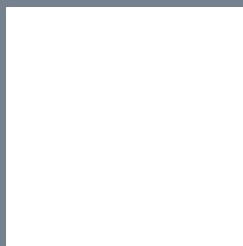
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2794, 21.5352, 29.0745

Background



This preview shows how black text looks on a background with the XYZ color 20.2794, 21.5352, 29.0745.



This preview shows how white text looks on a background with the XYZ color 20.2794, 21.5352,

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

20.2794, 21.5352, 29.0745

Protanopia

21.0760, 21.5674, 28.6433

Deuteranopia

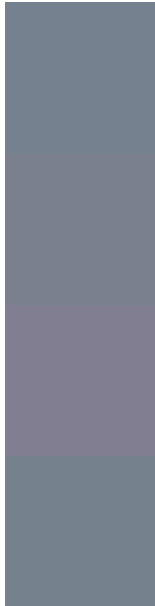
21.9146, 21.4155, 29.3641



Tritanopia

20.0524, 21.6406, 27.9311

Trichromacy



Original Color

20.2794, 21.5352, 29.0745

Protanomaly

20.7700, 21.6023, 28.6661

Deuteranomaly

21.3970, 21.5245, 29.4125

Tritanomaly

20.1265, 21.6703, 28.3213

Monochromacy



Original Color

20.2794, 21.5352, 29.0745

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2650, 21.4169, 25.2561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2794, 21.5352, 29.0745 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(118, 129, 143)` looks like.

```
.text, #text, p{  
    color:rgb(118, 129, 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(118, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 129, 143) }
```

Border

The CSS property to change the border of an element to XYZ 20.2794, 21.5352, 29.0745 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(118, 129, 143) }
```


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

```
.border{ border-color:rgb(118, 129, 143) }
```

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

Here you see how a box with a 4 pixel rgb(118, 129, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(118, 129,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2794, 21.5352, 29.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 129, 143) }
```

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

```
.background{ background-color: rgb(118,  
129, 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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