

Converting Colors

XYZ(20.0420, 20.8179, 29.7440)

Have a look what the booklet for
XYZ(20.0420, 20.8179, 29.7440)
contains.

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Color

**XYZ(20.0429, 20.8176,
29.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	767E91
RGB	118, 126, 145
RGB Percent	46%, 49%, 57%
CMY	0.5372, 0.5059, 0.4314
CMYK	0.19, 0.13, 0.00, 0.43
HSL	222°, 11%, 52%
HSV	222°, 19%, 57%
XYZ	20.0429, 20.8176, 29.7499
YIQ	125.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

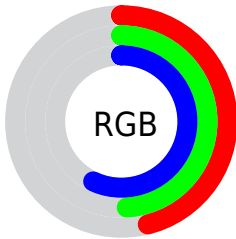
Format	Color
R_{YB}	118, 124, 145
Decimal	7765649
CIE _{Lab}	52.75, 1.27, -11.25
CIE _{LCh}	53, 11.318, 276.466
Yxy	20.8176, 0.2839, 0.2948
Android (android.graphics.Color)	4285955729 (0xFF767E91)
YUV	125.7740, 9.4784, -6.8178
Hunter-Lab	45.6263, -1.4339, -6.7207

Details

The XYZ color **20.0429, 20.8176, 29.7499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.8929, 25.2190, 20.7485**, and the grayscale version is **19.7265, 20.7538, 22.6009**.

A 20% lighter version of the original color is **43.0065, 44.9098, 60.4346**, and **7.1737, 7.3992, 11.8766** is the 20% darker color. If you saturate the color by 10%, you get **16.9845, 17.4024, 29.2522**, and if you desaturate by 10%, it is **23.5384, 24.6568, 30.3070**.

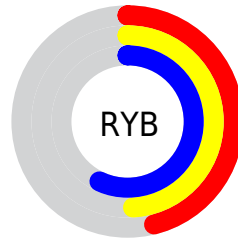
Distribution



Red (46%)

Green (49%)

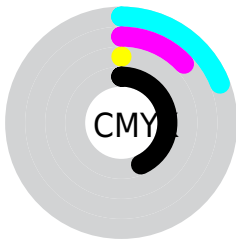
Blue (57%)



Red (46%)

Yellow (49%)

Blue (57%)

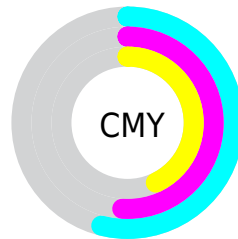


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0429, 20.8176, 29.7499 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 20.0429, 20.8176, 29.7499 by changing the saturation by 10% instead.

■ 20.0429, 20.8176,
29.7499

■ 20.0429, 20.8176,
29.7499

244.9764,
256.3075, 314.9079

■ 12.5347, 12.9907,
19.3984

■ 42.9925, 44.7838,
60.3228

■ 7.1837, 7.4222,
11.7788

■ 59.1646, 61.6919,
81.3812

■ 3.6246, 3.7275,
6.4725

■ 78.9553, 82.3958,
106.8457

■ 1.4920, 1.5223,
3.0611

102.7301,
107.2801, 137.1348

■ 0.3204, 0.3044,
1.1259

130.8542,
136.7290, 172.6670

■ 0.0000, 0.0000,
0.0000

163.6931,

171.1269, 213.8609

201.6120,
210.8583, 261.1350

■ 20.0429, 20.8176,
29.7499

■ 20.0429, 20.8176,
29.7499

■ 16.9845, 17.4024,
29.2522

■ 23.5384, 24.6568,
30.3070

■ 14.3434, 14.3935,
28.8106

■ 27.4858, 28.9316,
30.9241

■ 12.1015, 11.7758,
28.4235

■ 31.9015, 33.6564,
31.6034

■ 10.2380, 9.5322,
28.0887

■ 36.8006, 38.8442,
32.3465

■ 8.7305, 7.6442,
27.8037

■ 42.1973, 44.5074,
33.1552

■ 7.5540, 6.0917,
27.5661

■ 48.1054, 50.6580,
34.0310

■ 6.6797, 4.8519,
27.3729

■ 54.5381, 57.3074,
34.9754

■ 6.0508, 3.8870,
27.2198

■ 61.5081, 64.4668,
35.9899

■ 5.9737, 3.7701,
27.2013

■ 69.0277, 72.1470,
37.0760

Harmonies

Analogous

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



18.8950, 20.8176, 29.1560



20.0429, 20.8176, 29.7499



21.1648, 20.8176, 28.2997

Triad

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



20.0429, 20.8176, 29.7499



21.6663, 20.8176, 19.0227



17.7799, 20.8176, 20.1718

Complementary

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



20.0429, 20.8176, 29.7499



23.8929, 25.2190, 20.7485

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.



18.4694, 20.8176, 17.8358



20.0429, 20.8176, 29.7499



20.7056, 20.8176, 17.2199

Square

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



20.0429, 20.8176, 29.7499



22.1258, 20.8176, 21.9435



19.5323, 20.8176, 16.8080



17.6182, 20.8176, 23.4059

Rectangle

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



20.0429, 20.8176, 29.7499



21.7371, 20.8176, 26.4463



19.5323, 20.8176, 16.8080



17.9562, 20.8176, 19.2658

Sweetspot

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



20.0435, 20.8185, 29.7504



43.8402, 45.9921, 54.5403



22.1052, 25.9060, 27.4650



9.6677, 10.1390, 12.1197



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.



20.0435, 20.8185, 29.7504



33.7011, 34.8461, 52.9233



19.8154, 19.2422, 29.4581



5.2518, 5.4993, 6.8134



5.1443, 3.2746, 23.3380



0.0665, 0.0660, 0.2289

Inverse Universe

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



21.9219, 20.4835, 22.5379



37.6751, 34.2260, 37.6443



24.1437, 27.0999, 21.0983



5.4706, 5.4488, 5.9759



10.3997, 5.3169, 2.4903



0.1082, 0.0543, 0.0699

Previews

White Background



This preview shows how the XYZ color 20.0429, 20.8176, 29.7499 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 20.0429, 20.8176, 29.7499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

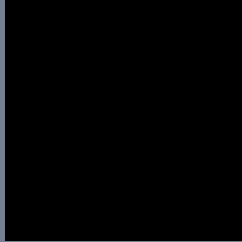
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0429, 20.8176, 29.7499

Background



This preview shows how black text looks on a background with the XYZ color 20.0429, 20.8176, 29.7499.



This preview shows how white text looks on a background with the XYZ color 20.0429, 20.8176,

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

20.0429, 20.8176, 29.7499

Protanopia

20.3937, 20.8184, 29.3291

Deuteranopia

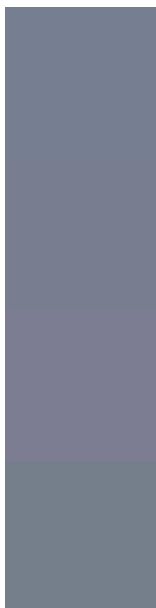
21.1734, 20.8304, 30.0988



Tritanopia

19.4408, 20.7668, 26.6507

Trichromacy



Original Color

20.0429, 20.8176, 29.7499

Protanomaly

20.2528, 20.7458, 29.3225

Deuteranomaly

20.7081, 20.7757, 30.1128

Tritanomaly

19.6591, 20.8541, 27.8000

Monochromacy



Original Color

20.0429, 20.8176, 29.7499

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8629, 20.8261, 25.1633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0429, 20.8176, 29.7499 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, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 126, 145)  
}
```

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, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 126, 145) }
```

Border

The CSS property to change the border of an element to XYZ 20.0429, 20.8176, 29.7499 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, 126, 145) }
```


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

```
.border{ border-color:rgb(118, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(118, 126,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0429, 20.8176, 29.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 126, 145) }
```

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

```
.background{ background-color: rgb(118,  
126, 145) }
```

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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