

Converting Colors

XYZ(19.8386, 21.1991, 28.9152)

Have a look what the booklet for
XYZ(19.8386, 21.1991, 28.9152)
contains.

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Color

**XYZ(19.7473, 21.0664,
29.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	73808F
RGB	115, 128, 143
RGB Percent	45%, 50%, 56%
CMY	0.5490, 0.4980, 0.4392
CMYK	0.20, 0.10, 0.00, 0.44
HSL	212°, 11%, 51%
HSV	212°, 20%, 56%
XYZ	19.7473, 21.0664, 29.0120
YIQ	125.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

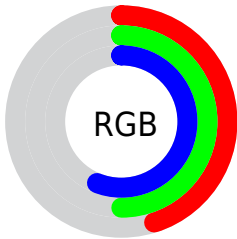
Format	Color
R_{YB}	115, 124, 143
Decimal	7569551
CIE _{Lab}	53.02, -1.37, -9.69
CIE _{LCh}	53, 9.790, 261.946
Yxy	21.0664, 0.2828, 0.3017
Android (android.graphics.Color)	4285759631 (0xFF73808F)
YUV	125.8230, 8.4683, -9.4918
Hunter-Lab	45.8981, -3.5236, -5.3482

Details

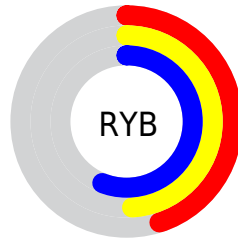
The XYZ color **19.7473, 21.0664, 29.0120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.4049, 23.0425, 19.4868**, and the grayscale version is **19.7468, 20.7752, 22.6242**.

A 20% lighter version of the original color is **42.5383, 45.2945, 59.3240**, and **7.0185, 7.5405, 11.4415** is the 20% darker color. If you saturate the color by 10%, you get **17.0492, 18.2484, 28.6106**, and if you desaturate by 10%, it is **22.8138, 24.1874, 29.4531**.

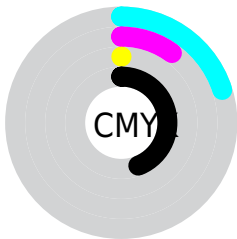
Distribution



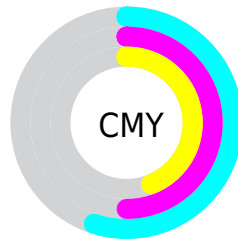
- Red (45%)
- Green (50%)
- Blue (56%)



- Red (45%)
- Yellow (49%)
- Blue (56%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7473, 21.0664, 29.0120 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 19.7473, 21.0664, 29.0120 by changing the saturation by 10% instead.

■ 19.7473, 21.0664,
29.0120

■ 19.7473, 21.0664,
29.0120

243.4035,
257.6312, 311.3343

■ 12.3187, 13.1725,
18.8442

■ 42.5003, 45.1980,
59.1386

■ 7.0348, 7.5475,
11.3821

■ 58.5554, 62.2046,
79.9344

■ 3.5304, 3.8068,
6.2071

■ 78.2167, 83.0175,
105.1101

■ 1.4401, 1.5661,
2.9006

101.8495,
108.0211, 135.0841

■ 0.2845, 0.3346,
1.0441

129.8192,
137.5999, 170.2750

■ 0.0000, 0.0000,
0.0000

162.4913,

172.1383, 211.1013

200.2309,
212.0206, 257.9815

■ 19.7473, 21.0664,
29.0120

■ 19.7473, 21.0664,
29.0120

■ 17.0492, 18.2484,
28.6106

■ 22.8138, 24.1874,
29.4531

■ 14.7027, 15.7205,
28.2464

■ 26.2610, 27.6185,
29.9337

■ 12.6920, 13.4729,
27.9185

■ 30.1028, 31.3697,
30.4553

■ 10.9998, 11.4937,
27.6257

■ 34.3521, 35.4499,
31.0189

■ 9.6067, 9.7703,
27.3664

■ 39.0208, 39.8673,
31.6255

■ 8.4911, 8.2888,
27.1393

■ 44.1206, 44.6302,
32.2760

■ 7.6280, 7.0331,
26.9424

■ 49.6625, 49.7463,
32.9714

■ 6.9564, 5.9689,
26.7724

■ 55.6573, 55.2232,
33.7126

■ 6.9299, 5.9271,
26.7657

■ 62.1154, 61.0682,
34.5004

Harmonies

Analogous

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



18.8291, 21.0664, 27.6905



19.7473, 21.0664, 29.0120



20.7709, 21.0664, 28.5995

Triad

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



19.7473, 21.0664, 29.0120



21.9130, 21.0664, 20.8864



18.5065, 21.0664, 19.6221

Complementary

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



19.7473, 21.0664, 29.0120



22.4049, 23.0425, 19.4868

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.



19.2933, 21.0664, 18.0773



19.7473, 21.0664, 29.0120



21.2663, 21.0664, 18.7625

Square

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



19.7473, 21.0664, 29.0120



22.0446, 21.0664, 23.7401



20.3012, 21.0664, 17.7766



18.1289, 21.0664, 22.1537

Rectangle

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



19.7473, 21.0664, 29.0120



21.3735, 21.0664, 27.4112



20.3012, 21.0664, 17.7766



18.7305, 21.0664, 18.9795

Sweetspot

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



19.7479, 21.0673, 29.0125



42.9089, 45.3735, 53.0344



20.9178, 24.9000, 24.7997



9.7616, 10.3269, 12.1510



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.



19.7479, 21.0673, 29.0125



33.4005, 35.6927, 51.6670



18.2826, 17.9534, 28.4887



5.3231, 5.6419, 6.8372



6.1479, 5.2819, 23.6726



0.0805, 0.0939, 0.2336

Inverse Universe

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



21.3552, 19.6600, 23.0924



36.7894, 32.8558, 39.1552



24.0841, 26.6397, 20.0926



5.5065, 5.4631, 6.1654



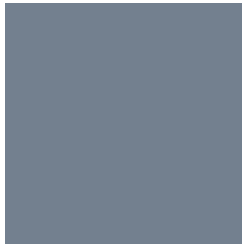
10.9063, 5.5195, 5.1579



0.1152, 0.0572, 0.1070

Previews

White Background



This preview shows how the XYZ color 19.7473, 21.0664, 29.0120 looks on a white background.

Color Contrast Check

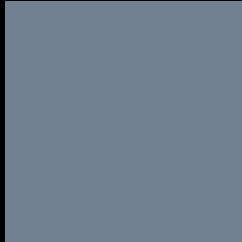
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7473, 21.0664, 29.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

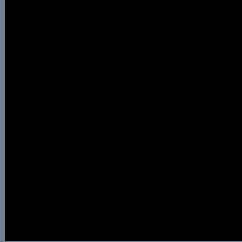
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

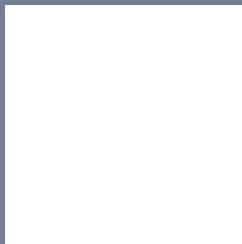
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7473, 21.0664, 29.0120

Background



This preview shows how black text looks on a background with the XYZ color 19.7473, 21.0664, 29.0120.



This preview shows how white text looks on a background with the XYZ color 19.7473, 21.0664,

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

19.7473, 21.0664, 29.0120

Protanopia

20.4535, 20.8754, 28.1506

Deuteranopia

21.3229, 20.9254, 29.3007



Tritanopia

19.4499, 21.1420, 27.4818

Trichromacy



Original Color

19.7473, 21.0664, 29.0120

Protanomaly

20.2285, 20.9397, 28.5668

Deuteranomaly

20.8251, 21.0408, 29.3492

Tritanomaly

19.5233, 21.1714, 27.8684

Monochromacy



Original Color

19.7473, 21.0664, 29.0120

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.7803, 20.9823, 24.8372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7473, 21.0664, 29.0120 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(115, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 128, 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(115, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.7473, 21.0664, 29.0120 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(115, 128, 143) }
```


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

```
.border{ border-color:rgb(115, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7473, 21.0664, 29.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 128, 143) }
```

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

```
.background{ background-color: rgb(115,  
128, 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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