

Converting Colors

XYZ(19.4109, 20.9257, 26.6076)

Have a look what the booklet for
XYZ(19.4109, 20.9257, 26.6076)
contains.

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Color

**XYZ(19.4370, 20.9575,
26.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	748089
RGB	116, 128, 137
RGB Percent	45%, 50%, 54%
CMY	0.5451, 0.4980, 0.4627
CMYK	0.15, 0.07, 0.00, 0.46
HSL	206°, 8%, 50%
HSV	206°, 15%, 54%
XYZ	19.4370, 20.9575, 26.6877
YIQ	125.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

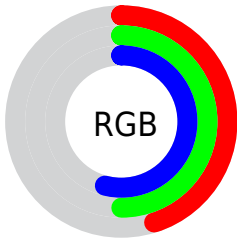
Format	Color
R_{YB}	116, 124, 137
Decimal	7635081
CIE _{Lab}	52.90, -2.42, -6.37
CIE _{LCh}	53, 6.810, 249.206
Yxy	20.9575, 0.2897, 0.3124
Android (android.graphics.Color)	4285825161 (0xFF748089)
YUV	125.4380, 5.7001, -8.2771
Hunter-Lab	45.7794, -4.3264, -2.5184

Details

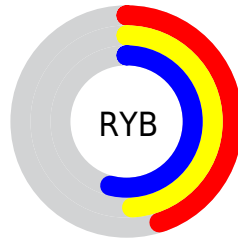
The XYZ color **19.4370, 20.9575, 26.6877** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8027, 21.2465, 19.5280**, and the grayscale version is **19.6250, 20.6470, 22.4846**.

A 20% lighter version of the original color is **41.9666, 45.0903, 55.2066**, and **6.9002, 7.5090, 10.1025** is the 20% darker color. If you saturate the color by 10%, you get **17.0050, 18.6002, 26.3612**, and if you desaturate by 10%, it is **22.1832, 23.5436, 27.0425**.

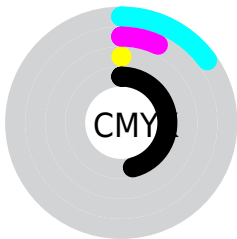
Distribution



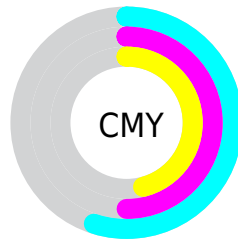
- Red (45%)
- Green (50%)
- Blue (54%)



- Red (45%)
- Yellow (49%)
- Blue (54%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4370, 20.9575, 26.6877 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 19.4370, 20.9575, 26.6877 by changing the saturation by 10% instead.

■ 19.4370, 20.9575,
26.6877

■ 19.4370, 20.9575,
26.6877

241.7428,
257.0525, 299.8540

■ 12.0923, 13.0929,
17.1085

■ 41.9824, 45.0168,
55.3800

■ 6.8792, 7.4926,
10.1491

■ 57.9139, 61.9803,
75.3300

■ 3.4324, 3.7720,
5.3910

■ 77.4383, 82.7456,
99.5741

■ 1.3863, 1.5469,
2.4157

100.9211,
107.6971, 128.5308

■ 0.2464, 0.3214,
0.7950

128.7276,
137.2191, 162.6186

■ 0.0000, 0.0000,
0.0000

161.2232,

171.6961, 202.2560

198.7731,
211.5124, 247.8617

■ 19.4370, 20.9575,
26.6877

■ 19.4370, 20.9575,
26.6877

■ 17.0050, 18.6002,
26.3612

■ 22.1832, 23.5436,
27.0425

■ 14.8727, 16.4617,
26.0608

■ 25.2534, 26.3630,
27.4248

■ 13.0277, 14.5347,
25.7861

■ 28.6594, 29.4234,
27.8360

■ 11.4553, 12.8106,
25.5362

■ 32.4116, 32.7312,
28.2768

■ 10.1398, 11.2802,
25.3101

■ 36.5201, 36.2927,
28.7476

■ 9.0637, 9.9332,
25.1069

■ 40.9946, 40.1137,
29.2493

■ 8.2069, 8.7579,
24.9252

■ 45.8442, 44.2000,
29.7825

■ 7.5410, 7.7383,
24.7635

■ 51.0781, 48.5572,
30.3476

■ 7.2610, 7.2974,
24.6931

■ 56.7047, 53.1905,
30.9454

Harmonies

Analogous

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



18.8765, 20.9575, 25.3905



19.4370, 20.9575, 26.6877



20.1395, 20.9575, 26.9160

Triad

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



19.4370, 20.9575, 26.6877



21.3028, 20.9575, 22.1971



19.0659, 20.9575, 19.9115

Complementary

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



19.4370, 20.9575, 26.6877



20.8027, 21.2465, 19.5280

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.



19.7011, 20.9575, 19.1607



19.4370, 20.9575, 26.6877



21.0002, 20.9575, 20.4275

Square

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



19.4370, 20.9575, 26.6877



21.2280, 20.9575, 24.2408



20.4099, 20.9575, 19.3438



18.6658, 20.9575, 21.4542

Rectangle

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



19.4370, 20.9575, 26.6877



20.5956, 20.9575, 26.4186



20.4099, 20.9575, 19.3438



19.2584, 20.9575, 19.5625

Sweetspot

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



19.4376, 20.9584, 26.6882



39.8390, 42.2671, 48.4418



19.8342, 23.0790, 22.7281



8.8650, 9.4146, 10.8563



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.4376, 20.9584, 26.6882



33.4131, 36.1934, 47.6081



18.1673, 18.4176, 26.2647



4.9963, 5.3356, 6.3724



6.7755, 6.8214, 23.0052



0.0596, 0.0744, 0.1577

Inverse Universe

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



20.4587, 19.3681, 23.0832



35.5783, 32.9032, 39.9456



22.1682, 23.9775, 19.9832



5.1448, 5.0933, 5.8507



10.9068, 5.4728, 7.2794



0.0798, 0.0393, 0.0871

Previews

White Background



This preview shows how the XYZ color 19.4370, 20.9575, 26.6877 looks on a white background.

Color Contrast Check

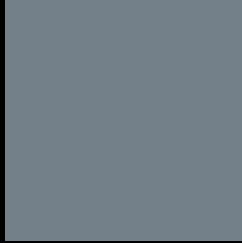
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4370, 20.9575, 26.6877 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

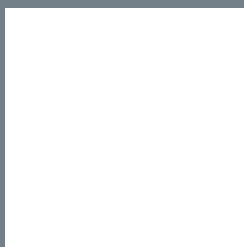
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4370, 20.9575, 26.6877

Background



This preview shows how black text looks on a background with the XYZ color 19.4370, 20.9575, 26.6877.



This preview shows how white text looks on a background with the XYZ color 19.4370, 20.9575,

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

19.4370, 20.9575, 26.6877

Protanopia

20.3110, 20.8521, 25.8760

Deuteranopia

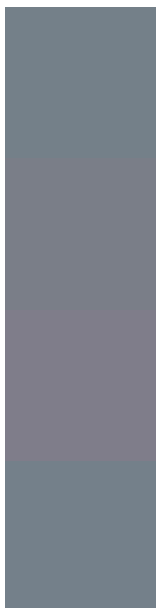
21.3433, 20.9874, 26.9708



Tritanopia

19.5091, 20.9863, 27.0673

Trichromacy



Original Color

19.4370, 20.9575, 26.6877

Protanomaly

19.9308, 20.8369, 26.2640

Deuteranomaly

20.6735, 21.0142, 27.0113

Tritanomaly

19.5091, 20.9863, 27.0673

Monochromacy



Original Color

19.4370, 20.9575, 26.6877

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4493, 20.6443, 23.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4370, 20.9575, 26.6877 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(116, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(116, 128, 137)  
}
```

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(116, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 128, 137) }
```

Border

The CSS property to change the border of an element to XYZ 19.4370, 20.9575, 26.6877 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(116, 128, 137) }
```


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

```
.border{ border-color:rgb(116, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(116, 128,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4370, 20.9575, 26.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 128, 137) }
```

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

```
.background{ background-color: rgb(116,  
128, 137) }
```

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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