

Converting Colors

XYZ(19.4338, 20.7796, 25.9083)

Have a look what the booklet for
XYZ(19.4338, 20.7796, 25.9083)
contains.

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Color

**XYZ(19.4338, 20.7796,
25.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	767F87
RGB	118, 127, 135
RGB Percent	46%, 50%, 53%
CMY	0.5372, 0.5019, 0.4706
CMYK	0.13, 0.06, 0.00, 0.47
HSL	208°, 7%, 50%
HSV	208°, 13%, 53%
XYZ	19.4338, 20.7796, 25.9083
YIQ	125.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

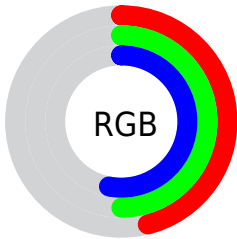
Format	Color
R_{YB}	118, 124, 135
Decimal	7765895
CIE _{Lab}	52.71, -1.59, -5.47
CIE _{LCh}	53, 5.699, 253.791
Yxy	20.7796, 0.2939, 0.3143
Android (android.graphics.Color)	4285955975 (0xFF767F87)
YUV	125.2210, 4.8210, -6.3328
Hunter-Lab	45.5846, -3.6744, -1.7886

Details

The XYZ color **19.4338, 20.7796, 25.9083** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7227, 21.3806, 20.1746**, and the grayscale version is **19.5541, 20.5725, 22.4034**.

A 20% lighter version of the original color is **41.9759, 44.8194, 54.0156**, and **6.8899, 7.4067, 9.6608** is the 20% darker color. If you saturate the color by 10%, you get **16.9356, 18.3126, 25.5641**, and if you desaturate by 10%, it is **22.2473, 23.4870, 26.2829**.

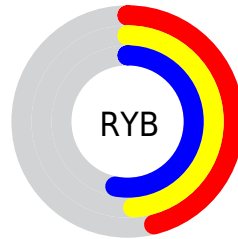
Distribution



Red (46%)

Green (50%)

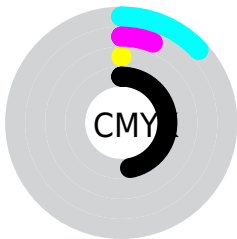
Blue (53%)



Red (46%)

Yellow (49%)

Blue (53%)

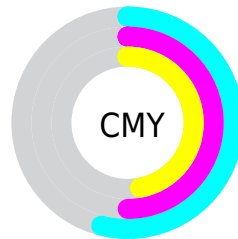


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4338, 20.7796, 25.9083 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 19.4338, 20.7796, 25.9083 by changing the saturation by 10% instead.

■ 19.4338, 20.7796,
25.9083

■ 19.4338, 20.7796,
25.9083

241.7256,
256.1049, 295.9228

■ 12.0900, 12.9630,
16.5299

■ 41.9771, 44.7204,
54.1092

■ 6.8776, 7.4031,
9.7415

■ 57.9073, 61.6135,
73.7689

■ 3.4313, 3.7154,
5.1245

■ 77.4303, 82.3007,
97.6926

■ 1.3858, 1.5157,
2.2605

100.9115,
107.1667, 126.2991

■ 0.2460, 0.2997,
0.7090

128.7163,
136.5957, 160.0068

■ 0.0000, 0.0000,
0.0000

161.2101,

170.9721, 199.2343

198.7580,
210.6804, 244.4001

■ 19.4338, 20.7796,
25.9083

■ 19.4338, 20.7796,
25.9083

■ 16.9356, 18.3126,
25.5641

■ 22.2473, 23.4870,
26.2829

■ 14.7389, 16.0759,
25.2482

■ 25.3858, 26.4396,
26.6874

■ 12.8315, 14.0622,
24.9600

■ 28.8605, 29.6449,
27.1230

■ 11.1995, 12.2630,
24.6988

■ 32.6817, 33.1097,
27.5903

■ 9.8278, 10.6689,
24.4634

■ 36.8592, 36.8402,
28.0902

■ 8.6998, 9.2697,
24.2527

■ 41.4024, 40.8425,
28.6233

■ 7.7965, 8.0541,
24.0657

■ 46.3203, 45.1225,
29.1902

■ 7.0960, 7.0090,
23.9009

■ 51.6217, 49.6858,
29.7916

■ 6.6575, 6.3178,
23.7906

■ 57.3149, 54.5380,
30.4281

Harmonies

Analogous

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



18.9387, 20.7796, 24.9614



19.4338, 20.7796, 25.9083



20.0234, 20.7796, 25.9474

Triad

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



19.4338, 20.7796, 25.9083



20.8786, 20.7796, 21.8559



18.9718, 20.7796, 20.3491

Complementary

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



19.4338, 20.7796, 25.9083



20.7227, 21.3806, 20.1746

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.



19.4798, 20.7796, 19.5999



19.4338, 20.7796, 25.9083



20.5850, 20.7796, 20.4400

Square

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



19.4338, 20.7796, 25.9083



20.8657, 20.7796, 23.5493



20.0704, 20.7796, 19.6323



18.6756, 20.7796, 21.7261

Rectangle

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



19.4338, 20.7796, 25.9083



20.3914, 20.7796, 25.4493



20.0704, 20.7796, 19.6323



19.1230, 20.7796, 20.0186

Sweetspot

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



19.4344, 20.7805, 25.9088



39.0492, 41.3067, 46.9632



19.8972, 22.6845, 23.0464



8.9611, 9.4876, 10.8653



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.



19.4344, 20.7805, 25.9088



33.5199, 35.9587, 46.2224



18.3902, 18.6920, 25.5607



4.6234, 4.9224, 5.9072



6.1524, 5.8526, 21.9421



0.0286, 0.0349, 0.0785

Inverse Universe

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



20.3014, 19.6406, 22.8007



35.3878, 33.5595, 39.5136



21.8472, 23.6295, 20.5495



4.7679, 4.7269, 5.3902



10.2835, 5.1778, 6.0655



0.0393, 0.0194, 0.0404

Previews

White Background



This preview shows how the XYZ color 19.4338, 20.7796, 25.9083 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 19.4338, 20.7796, 25.9083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

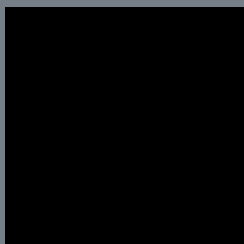
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

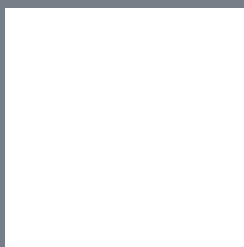
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4338, 20.7796, 25.9083

Background



This preview shows how black text looks on a background with the XYZ color 19.4338, 20.7796, 25.9083.



This preview shows how white text looks on a background with the XYZ color 19.4338, 20.7796,

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

19.4338, 20.7796, 25.9083

Protanopia

20.2409, 20.8241, 25.5069

Deuteranopia

21.0763, 20.6832, 26.1740



Tritanopia

19.5759, 20.8364, 26.6570

Trichromacy



Original Color

19.4338, 20.7796, 25.9083

Protanomaly

19.9323, 20.8539, 25.5289

Deuteranomaly

20.5537, 20.7821, 26.2206

Tritanomaly

19.5045, 20.8079, 26.2809

Monochromacy



Original Color

19.4338, 20.7796, 25.9083

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 19.4338, 20.7796, 25.9083 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, 127, 135)` looks like.

```
.text, #text, p{  
    color:rgb(118, 127, 135)  
}
```

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, 127, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 127, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.4338, 20.7796, 25.9083 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, 127, 135) }
```


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

```
.border{ border-color:rgb(118, 127, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 127, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 127, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 127, 135);  
box-shadow:4px 4px 4px 4px rgb(118, 127,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4338, 20.7796, 25.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 127, 135) }
```

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

```
.background{ background-color: rgb(118,  
127, 135) }
```

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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