

Converting Colors

XYZ(20.3395, 21.2531, 26.0073)

Have a look what the booklet for
XYZ(20.3395, 21.2531, 26.0073)
contains.

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Color

**XYZ(20.2747, 21.2131,
25.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7F87
RGB	124, 127, 135
RGB Percent	49%, 50%, 53%
CMY	0.5137, 0.5019, 0.4706
CMYK	0.08, 0.06, 0.00, 0.47
HSL	224°, 4%, 51%
HSV	224°, 8%, 53%
XYZ	20.2747, 21.2131, 25.9476
YIQ	127.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

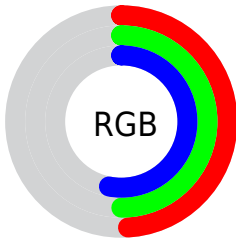
Format	Color
R_{YB}	124, 126, 135
Decimal	8159111
CIE Lab	53.18, 0.55, -4.72
CIE LCh	53, 4.749, 276.681
Yxy	21.2131, 0.3007, 0.3146
Android (android.graphics.Color)	4286349191 (0xFF7C7F87)
YUV	127.0150, 3.9366, -2.6442
Hunter-Lab	46.0577, -2.0248, -1.1619

Details

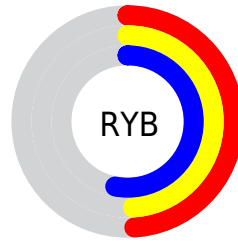
The XYZ color **20.2747, 21.2131, 25.9476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.8810, 23.1084, 22.3762**, and the grayscale version is **20.1664, 21.2166, 23.1049**.

A 20% lighter version of the original color is **43.5298, 45.6205, 54.0883**, and **7.2657, 7.6005, 9.6784** is the 20% darker color. If you saturate the color by 10%, you get **17.2493, 17.8629, 25.4607**, and if you desaturate by 10%, it is **23.6920, 24.9499, 26.4891**.

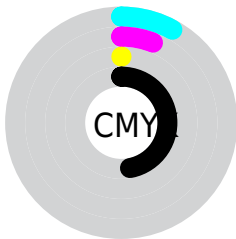
Distribution



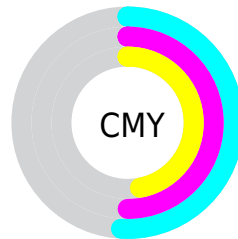
- Red (49%)
- Green (50%)
- Blue (53%)



- Red (49%)
- Yellow (49%)
- Blue (53%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2747, 21.2131, 25.9476 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 20.2747, 21.2131, 25.9476 by changing the saturation by 10% instead.

■ 20.2747, 21.2131,
25.9476

■ 20.2747, 21.2131,
25.9476

246.2037,
258.4088, 296.1220

■ 12.7043, 13.2799,
16.5590

■ 43.3777, 45.4419,
54.1734

■ 7.3008, 7.6215,
9.7620

■ 59.6410, 62.5063,
73.8478

■ 3.6989, 3.8538,
5.1379

■ 79.5327, 83.3832,
97.7878

■ 1.5333, 1.5921,
2.2682

103.4180,
108.4569, 126.4121

■ 0.3483, 0.3523,
0.7133

131.6625,
138.1120, 160.1391

■ 0.0000, 0.0000,
0.0000

164.6313,

172.7327, 199.3874

202.6899,
212.7035, 244.5755

■ 20.2747, 21.2131,
25.9476

■ 20.2747, 21.2131,
25.9476

■ 17.2493, 17.8629,
25.4607

■ 23.6920, 24.9499,
26.4891

■ 14.5997, 14.8839,
25.0254

■ 27.5128, 29.0825,
27.0854

■ 12.3112, 12.2638,
24.6403

■ 31.7508, 33.6234,
27.7385

■ 10.3676, 9.9884,
24.3035

■ 36.4181, 38.5834,
28.4499

■ 8.7513, 8.0427,
24.0131

■ 41.5265, 43.9731,
29.2210

■ 7.4433, 6.4105,
23.7670

■ 47.0875, 49.8027,
30.0531

■ 6.4221, 5.0738,
23.5628

■ 53.1118, 56.0821,
30.9476

■ 5.6636, 4.0128,
23.3980

■ 59.6101, 62.8207,
31.9058

■ 5.1190, 3.1945,
23.2688

■ 66.5925, 70.0277,
32.9289

Harmonies

Analogous

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



19.7835, 21.2131, 25.7249



20.2747, 21.2131, 25.9476



20.7434, 21.2131, 25.3816

Triad

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



20.2747, 21.2131, 25.9476



20.9449, 21.2131, 21.4882



19.2906, 21.2131, 22.0224

Complementary

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



20.2747, 21.2131, 25.9476



21.8810, 23.1084, 22.3762

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.



19.5924, 21.2131, 20.9547



20.2747, 21.2131, 25.9476



20.5462, 21.2131, 20.6553

Square

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



20.2747, 21.2131, 25.9476



21.1345, 21.2131, 22.7780



20.0505, 21.2131, 20.4641



19.2206, 21.2131, 23.4199

Rectangle

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



20.2747, 21.2131, 25.9476



20.9782, 21.2131, 24.6464



20.0505, 21.2131, 20.4641



19.3681, 21.2131, 21.6148

Sweetspot

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



20.2753, 21.2140, 25.9481



39.9583, 41.9896, 47.0471



21.1333, 23.2761, 25.1672



9.2735, 9.7458, 10.8987



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.



20.2753, 21.2140, 25.9481



35.1271, 36.6880, 46.2785



20.2420, 20.6297, 25.8370



4.5303, 4.7362, 5.8762



4.6483, 2.8444, 21.4407



0.0215, 0.0207, 0.0761

Inverse Universe

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



21.0305, 21.0989, 23.0438



36.8057, 36.4493, 39.8198



21.9148, 23.7389, 22.4961



4.7209, 4.7081, 5.1428



9.5244, 4.8741, 2.0677



0.0357, 0.0180, 0.0216

Previews

White Background



This preview shows how the XYZ color 20.2747, 21.2131, 25.9476 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 20.2747, 21.2131, 25.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

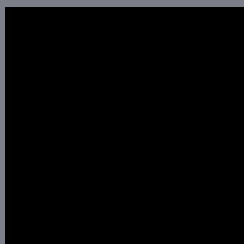
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2747, 21.2131, 25.9476

Background



This preview shows how black text looks on a background with the XYZ color 20.2747, 21.2131, 25.9476.



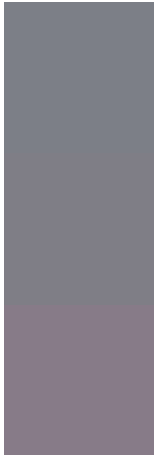
This preview shows how white text looks on a background with the XYZ color 20.2747, 21.2131,

25.9476.

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

20.2747, 21.2131, 25.9476

Protanopia

20.5163, 21.1550, 25.5562

Deuteranopia

21.5186, 21.0944, 26.2300



Tritanopia

20.4169, 21.2700, 26.6963

Trichromacy



Original Color

20.2747, 21.2131, 25.9476

Protanomaly

20.3681, 21.0786, 25.5493

Deuteranomaly

21.0117, 21.0182, 26.2420

Tritanomaly

20.3455, 21.2414, 26.3202

Monochromacy



Original Color

20.2747, 21.2131, 25.9476

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2228, 21.2261, 24.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2747, 21.2131, 25.9476 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(124, 127, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 127, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 127, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.2747, 21.2131, 25.9476 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(124, 127, 135) }
```


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

```
.border{ border-color:rgb(124, 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(124, 127, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 127, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 127, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 127,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2747, 21.2131, 25.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 127, 135) }
```

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

```
.background{ background-color: rgb(124,  
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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