

Converting Colors

XYZ(19.8658, 20.5947, 25.9052)

Have a look what the booklet for
XYZ(19.8658, 20.5947, 25.9052)
contains.

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Color

**XYZ(19.8752, 20.6275,
25.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7D87
RGB	123, 125, 135
RGB Percent	48%, 49%, 53%
CMY	0.5176, 0.5098, 0.4706
CMYK	0.09, 0.07, 0.00, 0.47
HSL	230°, 5%, 51%
HSV	230°, 9%, 53%
XYZ	19.8752, 20.6275, 25.8556
YIQ	125.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

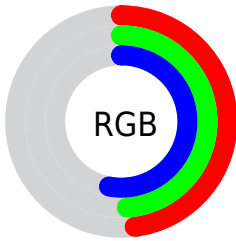
Format	Color
R_{YB}	123, 125, 135
Decimal	8093063
CIE Lab	52.54, 1.35, -5.68
CIE LCh	53, 5.836, 283.344
Yxy	20.6275, 0.2995, 0.3109
Android (android.graphics.Color)	4286283143 (0xFF7B7D87)
YUV	125.5420, 4.6628, -2.2293
Hunter-Lab	45.4175, -1.3671, -1.9608

Details

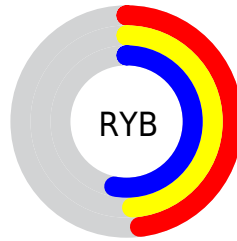
The XYZ color **19.8752, 20.6275, 25.8556** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9544, 23.3558, 22.0903**, and the grayscale version is **19.6622, 20.6862, 22.5272**.

A 20% lighter version of the original color is **42.6767, 44.5856, 53.9335**, and **7.0482, 7.2806, 9.6281** is the 20% darker color. If you saturate the color by 10%, you get **16.7315, 17.0119, 25.3237**, and if you desaturate by 10%, it is **23.4477, 24.7047, 26.4546**.

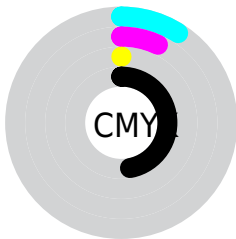
Distribution



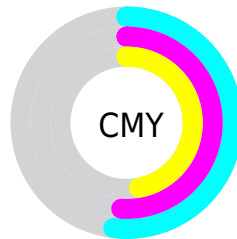
- Red (48%)
- Green (49%)
- Blue (53%)



- Red (48%)
- Yellow (49%)
- Blue (53%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8752, 20.6275, 25.8556 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 19.8752, 20.6275, 25.8556 by changing the saturation by 10% instead.

■ 19.8752, 20.6275,
25.8556

■ 19.8752, 20.6275,
25.8556

244.0852,
255.2922, 295.6554

■ 12.4121, 12.8520,
16.4908

■ 42.7134, 44.4668,
54.0231

■ 7.0992, 7.3267,
9.7140

■ 58.8192, 61.2993,
73.6630

■ 3.5711, 3.6672,
5.1067

■ 78.5366, 81.9196,
97.5649

■ 1.4625, 1.4892,
2.2501

102.2310,
106.7122, 126.1476

■ 0.3001, 0.2811,
0.7031

130.2676,
136.0613, 159.8294

■ 0.0000, 0.0000,
0.0000

163.0120,

170.3514, 199.0289

200.8294,
209.9669, 244.1648

■ 19.8752, 20.6275,
25.8556

■ 19.8752, 20.6275,
25.8556

■ 16.7315, 17.0119,
25.3237

■ 23.4477, 24.7047,
26.4546

■ 13.9986, 13.8389,
24.8553

■ 27.4626, 29.2564,
27.1216

■ 11.6600, 11.0923,
24.4484

■ 31.9350, 34.2981,
27.8590

■ 9.6971, 8.7536,
24.1005

■ 36.8788, 39.8440,
28.6689

■ 8.0900, 6.8030,
23.8087

■ 42.3072, 45.9076,
29.5532

■ 6.8169, 5.2191,
23.5700

■ 48.2330, 52.5019,
30.5137

■ 5.8534, 3.9783,
23.3813

■ 54.6686, 59.6394,
31.5522

■ 5.1719, 3.0541,
23.2389

■ 61.6257, 67.3323,
32.6704

■ 4.7140, 2.4029,
23.1373

■ 69.1159, 75.5923,
33.8699

Harmonies

Analogous

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



19.2747, 20.6275, 25.8010



19.8752, 20.6275, 25.8556



20.4142, 20.6275, 24.9677

Triad

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



19.8752, 20.6275, 25.8556



20.4630, 20.6275, 20.2524



18.5136, 20.6275, 21.5195

Complementary

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



19.8752, 20.6275, 25.8556



21.9544, 23.3558, 22.0903

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.



18.8191, 20.6275, 20.1258



19.8752, 20.6275, 25.8556



19.9407, 20.6275, 19.4204

Square

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



19.8752, 20.6275, 25.8556



20.7582, 20.6275, 21.7006



19.3389, 20.6275, 19.3752



18.4969, 20.6275, 23.2366

Rectangle

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



19.8752, 20.6275, 25.8556



20.6626, 20.6275, 23.9860



19.3389, 20.6275, 19.3752



18.5857, 20.6275, 20.9998

Sweetspot

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



19.8758, 20.6284, 25.8561



39.2221, 41.0885, 46.9120



21.0525, 23.2272, 25.4919



8.9719, 9.3884, 10.8456



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.



19.8758, 20.6284, 25.8561



34.1977, 35.3409, 46.0674



20.1791, 20.4123, 25.7984



4.4927, 4.6609, 5.8636



4.3138, 2.1753, 21.3292



0.0186, 0.0148, 0.0751

Inverse Universe

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



20.7768, 20.7979, 22.3224



36.2116, 35.7335, 38.1659



21.6305, 23.5996, 22.1544



4.7019, 4.7005, 5.0428



9.3555, 4.8065, 1.1785



0.0343, 0.0174, 0.0138

Previews

White Background



This preview shows how the XYZ color 19.8752, 20.6275, 25.8556 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 19.8752, 20.6275, 25.8556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

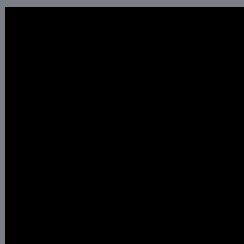
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

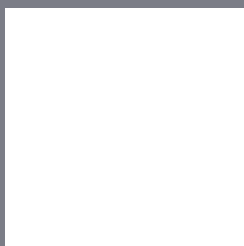
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8752, 20.6275, 25.8556

Background



This preview shows how black text looks on a background with the XYZ color 19.8752, 20.6275, 25.8556.



This preview shows how white text looks on a background with the XYZ color 19.8752, 20.6275,

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

19.8752, 20.6275, 25.8556

Protanopia

20.0383, 20.5245, 25.8272

Deuteranopia

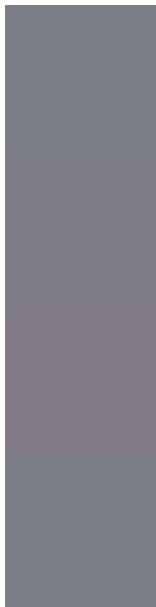
21.0763, 20.6832, 26.1740



Tritanopia

19.8752, 20.6275, 25.8556

Trichromacy



Original Color

19.8752, 20.6275, 25.8556

Protanomaly

19.8930, 20.4497, 25.8204

Deuteranomaly

20.5802, 20.6106, 26.1861

Tritanomaly

19.8752, 20.6275, 25.8556

Monochromacy



Original Color

19.8752, 20.6275, 25.8556

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8807, 20.8667, 23.7487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8752, 20.6275, 25.8556 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(123, 125, 135)` looks like.

```
.text, #text, p{  
    color:rgb(123, 125, 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(123, 125, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 125, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.8752, 20.6275, 25.8556 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(123, 125, 135) }
```


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

```
.border{ border-color:rgb(123, 125, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 125, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 125, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 125, 135);  
box-shadow:4px 4px 4px 4px rgb(123, 125,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8752, 20.6275, 25.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 125, 135) }
```

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

```
.background{ background-color: rgb(123,  
125, 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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