

Converting Colors

XYZ(19.9179, 21.2478, 25.6142)

Have a look what the booklet for
XYZ(19.9179, 21.2478, 25.6142)
contains.

XYZ(19.9074, 21.2245, 25.6018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.9074, 21.2245,
25.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	798086
RGB	121, 128, 134
RGB Percent	47%, 50%, 53%
CMY	0.5255, 0.4980, 0.4745
CMYK	0.10, 0.04, 0.00, 0.47
HSL	208°, 5%, 50%
HSV	208°, 10%, 53%
XYZ	19.9074, 21.2245, 25.6018
YIQ	126.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

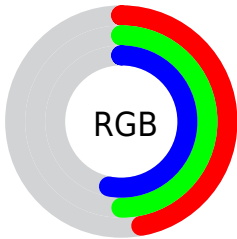
Format	Color
R_{YB}	121, 126, 134
Decimal	7962758
CIE _{Lab}	53.19, -1.32, -4.14
CIE _{LCh}	53, 4.347, 252.377
Yxy	21.2245, 0.2983, 0.3180
Android (android.graphics.Color)	4286152838 (0xFF798086)
YUV	126.5910, 3.6526, -4.9033
Hunter-Lab	46.0701, -3.4907, -0.6993

Details

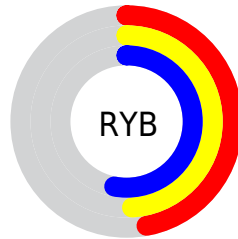
The XYZ color **19.9074, 21.2245, 25.6018** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8722, 21.6275, 21.1640**, and the grayscale version is **20.0226, 21.0653, 22.9401**.

A 20% lighter version of the original color is **42.7271, 45.5198, 53.5480**, and **7.0687, 7.6098, 9.4838** is the 20% darker color. If you saturate the color by 10%, you get **17.3765, 18.7594, 25.2597**, and if you desaturate by 10%, it is **22.7495, 23.9242, 25.9734**.

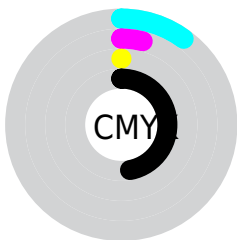
Distribution



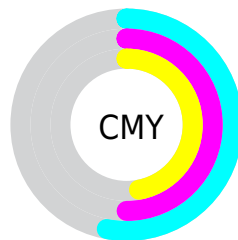
- Red (47%)
- Green (50%)
- Blue (53%)



- Red (47%)
- Yellow (49%)
- Blue (53%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9074, 21.2245, 25.6018 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 19.9074, 21.2245, 25.6018 by changing the saturation by 10% instead.

■ 19.9074, 21.2245,
25.6018

■ 19.9074, 21.2245,
25.6018

244.2565,
258.4692, 294.3649

■ 12.4356, 13.2882,
16.3029

■ 42.7670, 45.4609,
53.6080

■ 7.1154, 7.6273,
9.5821

■ 58.8855, 62.5297,
73.1524

■ 3.5813, 3.8574,
5.0208

■ 78.6171, 83.4116,
96.9491

■ 1.4681, 1.5941,
2.2005

102.3269,
108.4908, 125.4165

■ 0.3040, 0.3536,
0.6747

130.3804,
138.1517, 158.9732

■ 0.0000, 0.0000,
0.0000

163.1429,

172.7789, 198.0379

200.9798,
212.7566, 243.0289

■ 19.9074, 21.2245,
25.6018

■ 19.9074, 21.2245,
25.6018

■ 17.3765, 18.7594,
25.2597

■ 22.7495, 23.9242,
25.9734

■ 15.1435, 16.5189,
24.9449

■ 25.9120, 26.8627,
26.3739

■ 13.1967, 14.4963,
24.6572

■ 29.4058, 30.0474,
26.8045

■ 11.5228, 12.6834,
24.3955

■ 33.2408, 33.4847,
27.2658

■ 10.1074, 11.0714,
24.1589

■ 37.4264, 37.1805,
27.7586

■ 8.9348, 9.6507,
23.9465

■ 41.9718, 41.1407,
28.2834

■ 7.9872, 8.4106,
23.7571

■ 46.8856, 45.3709,
28.8410

■ 7.2441, 7.3390,
23.5894

■ 52.1763, 49.8766,
29.4318

■ 6.6487, 6.4050,
23.4405

■ 57.8521, 54.6630,
30.0565

Harmonies

Analogous

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



19.5287, 21.2245, 24.8545



19.9074, 21.2245, 25.6018



20.3629, 21.2245, 25.6659

Triad

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



19.9074, 21.2245, 25.6018



21.0471, 21.2245, 22.5727



19.5846, 21.2245, 21.2937

Complementary

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



19.9074, 21.2245, 25.6018



20.8722, 21.6275, 21.1640

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.



19.9848, 21.2245, 20.7294



19.9074, 21.2245, 25.6018



20.8318, 21.2245, 21.4489

Square

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



19.9074, 21.2245, 25.6018



21.0256, 21.2245, 23.8831



20.4415, 21.2245, 20.7851



19.3443, 21.2245, 22.3535

Rectangle

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



19.9074, 21.2245, 25.6018



20.6492, 21.2245, 25.3094



20.4415, 21.2245, 20.7851



19.7046, 21.2245, 21.0416

Sweetspot

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



19.9080, 21.2254, 25.6023



38.3351, 40.5050, 45.5362



20.2316, 22.6439, 23.3322



8.5522, 9.0455, 10.2479



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.9080, 21.2254, 25.6023



33.8811, 36.2444, 44.9485



19.1052, 19.6198, 25.3347



4.6267, 4.9291, 5.9083



6.2256, 5.9990, 21.9665



0.0289, 0.0354, 0.0785

Inverse Universe

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



20.5657, 20.3020, 23.2578



35.3295, 34.2521, 39.7762



21.7186, 23.3203, 21.4461



4.7696, 4.7275, 5.3991



10.3205, 5.1926, 6.2602



0.0394, 0.0195, 0.0411

Previews

White Background



This preview shows how the XYZ color 19.9074, 21.2245, 25.6018 looks on a white background.

Color Contrast Check

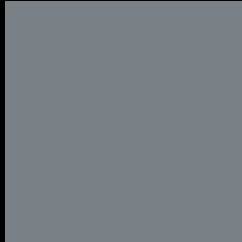
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9074, 21.2245, 25.6018 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

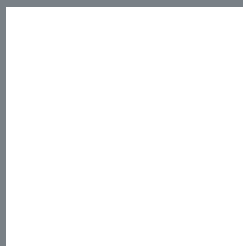
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9074, 21.2245, 25.6018

Background



This preview shows how black text looks on a background with the XYZ color 19.9074, 21.2245, 25.6018.



This preview shows how white text looks on a background with the XYZ color 19.9074, 21.2245,

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

19.9074, 21.2245, 25.6018

Protanopia

20.4469, 21.1272, 25.1906

Deuteranopia

21.6095, 21.1494, 25.8650



Tritanopia

20.2029, 21.1513, 27.0626

Trichromacy



Original Color

19.9074, 21.2245, 25.6018

Protanomaly

20.2805, 21.2322, 25.2196

Deuteranomaly

21.0669, 21.2418, 25.9114

Tritanomaly

20.1308, 21.1225, 26.6829

Monochromacy



Original Color

19.9074, 21.2245, 25.6018

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0761, 21.1504, 24.1434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9074, 21.2245, 25.6018 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(121, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 134)  
}
```

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(121, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.9074, 21.2245, 25.6018 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(121, 128, 134) }
```


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

```
.border{ border-color:rgb(121, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 128, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 128, 134); box-shadow:4px 4px 4px 4px rgb(121, 128, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9074, 21.2245, 25.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 134) }
```

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

```
.background{ background-color: rgb(121,  
128, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor