

Converting Colors

XYZ(19.7965, 21.5991, 28.3250)

Have a look what the booklet for
XYZ(19.7965, 21.5991, 28.3250)
contains.

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Color

**XYZ(19.8634, 21.7331,
28.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	72838D
RGB	114, 131, 141
RGB Percent	45%, 51%, 55%
CMY	0.5529, 0.4863, 0.4471
CMYK	0.19, 0.07, 0.00, 0.45
HSL	202°, 11%, 50%
HSV	202°, 19%, 55%
XYZ	19.8634, 21.7331, 28.3473
YIQ	127.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

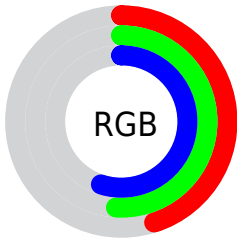
Format	Color
R_{YB}	114, 124, 141
Decimal	7504781
CIE _{Lab}	53.74, -3.90, -7.46
CIE _{LCh}	54, 8.418, 242.412
Yxy	21.7331, 0.2840, 0.3107
Android (android.graphics.Color)	4285694861 (0xFF72838D)
YUV	127.0570, 6.8739, -11.4510
Hunter-Lab	46.6188, -5.5273, -3.4191

Details

The XYZ color **19.8634, 21.7331, 28.3473** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2295, 21.2928, 18.9109**, and the grayscale version is **20.1733, 21.2239, 23.1128**.

A 20% lighter version of the original color is **42.7167, 46.3281, 58.3206**, and **7.1524, 7.9482, 11.0547** is the 20% darker color. If you saturate the color by 10%, you get **17.4853, 19.4928, 28.0406**, and if you desaturate by 10%, it is **22.5609, 24.1917, 28.6800**.

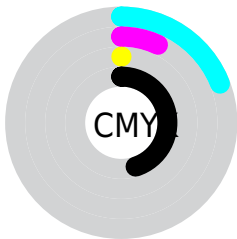
Distribution



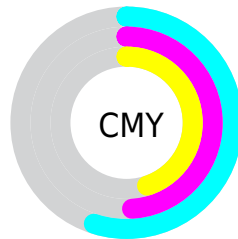
- Red (45%)
- Green (51%)
- Blue (55%)



- Red (45%)
- Yellow (49%)
- Blue (55%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8634, 21.7331, 28.3473 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 19.8634, 21.7331, 28.3473 by changing the saturation by 10% instead.

■ 19.8634, 21.7331,
28.3473

■ 19.8634, 21.7331,
28.3473

244.0223,
261.1493, 308.0867

■ 12.4035, 13.6609,
18.3463

■ 42.6937, 46.3045,
58.0682

■ 7.0932, 7.8852,
11.0269

■ 58.7949, 63.5725,
78.6252

■ 3.5673, 4.0216,
5.9705

■ 78.5071, 84.6745,
103.5379

■ 1.4604, 1.6856,
2.7587

■ 102.1958,
109.9950, 133.2250

■ 0.2986, 0.4143,
0.9728

130.2263,
139.9183, 168.1048

■ 0.0000, 0.0000,
0.0000

162.9640,

174.8289, 208.5960

200.7742,
215.1111, 255.1172

■ 19.8634, 21.7331,
28.3473

■ 19.8634, 21.7331,
28.3473

■ 17.4853, 19.4928,
28.0406

■ 22.5609, 24.1917,
28.6800

■ 15.4113, 17.4603,
27.7576

■ 25.5883, 26.8731,
29.0380

■ 13.6275, 15.6284,
27.4980

■ 28.9584, 29.7850,
29.4225

■ 12.1183, 13.9881,
27.2609

■ 32.6823, 32.9340,
29.8340

■ 10.8663, 12.5298,
27.0454

■ 36.7707, 36.3263,
30.2733

■ 9.8520, 11.2425,
26.8504

■ 41.2339, 39.9679,
30.7410

■ 9.0530, 10.1137,
26.6747

■ 46.0818, 43.8645,
31.2376

■ 8.4147, 9.1146,
26.5154

■ 51.3238, 48.0217,
31.7637

■ 8.3626, 9.0328,
26.5024

■ 56.9690, 52.4449,
32.3199

Harmonies

Analogous

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



19.2261, 21.7331, 26.4287



19.8634, 21.7331, 28.3473



20.7298, 21.7331, 28.9844

Triad

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



19.8634, 21.7331, 28.3473



22.4394, 21.7331, 23.4551



19.7404, 21.7331, 19.7112

Complementary

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



19.8634, 21.7331, 28.3473



21.2295, 21.2928, 18.9109

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.



20.5837, 21.7331, 19.0375



19.8634, 21.7331, 28.3473



22.1565, 21.7331, 21.0985

Square

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



19.8634, 21.7331, 28.3473



22.2331, 21.7331, 26.0406



21.4708, 21.7331, 19.5266



19.1565, 21.7331, 21.4359

Rectangle

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



19.8634, 21.7331, 28.3473



21.3254, 21.7331, 28.5618



21.4708, 21.7331, 19.5266



20.0021, 21.7331, 19.3602

Sweetspot

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



19.8640, 21.7340, 28.3478



41.9763, 44.7302, 51.5493



20.0964, 24.0802, 22.6247



9.3109, 9.9330, 11.5060



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.8640, 21.7340, 28.3478



33.6536, 37.1310, 50.5211



18.1789, 18.3637, 27.7861



5.3947, 5.7851, 6.8611



7.6405, 8.2670, 24.1701



0.0942, 0.1213, 0.2381

Inverse Universe

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



21.0990, 19.3364, 24.0941



36.3158, 32.1264, 41.3148



23.0247, 24.8832, 19.5093



5.5427, 5.4776, 6.3558



11.6597, 5.8209, 9.1252



0.1222, 0.0599, 0.1435

Previews

White Background



This preview shows how the XYZ color 19.8634, 21.7331, 28.3473 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 19.8634, 21.7331, 28.3473 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

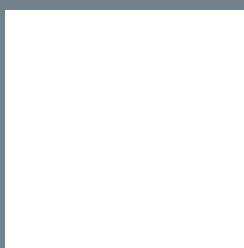
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8634, 21.7331, 28.3473

Background



This preview shows how black text looks on a background with the XYZ color 19.8634, 21.7331, 28.3473.



This preview shows how white text looks on a background with the XYZ color 19.8634, 21.7331,

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

19.8634, 21.7331, 28.3473

Protanopia

21.0020, 21.5548, 27.4797

Deuteranopia

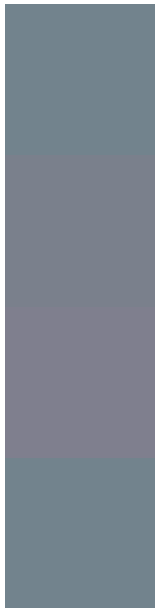
22.0476, 21.6886, 28.6155



Tritanopia

19.8634, 21.7331, 28.3473

Trichromacy



Original Color

19.8634, 21.7331, 28.3473

Protanomaly

20.4788, 21.4694, 27.8756

Deuteranomaly

21.2243, 21.6438, 28.6502

Tritanomaly

19.8634, 21.7331, 28.3473

Monochromacy



Original Color

19.8634, 21.7331, 28.3473

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9101, 21.2419, 24.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8634, 21.7331, 28.3473 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(114, 131, 141)` looks like.

```
.text, #text, p{  
    color:rgb(114, 131, 141)  
}
```

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(114, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 131, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.8634, 21.7331, 28.3473 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(114, 131, 141) }
```


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

```
.border{ border-color:rgb(114, 131, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 131, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(114, 131,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8634, 21.7331, 28.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 131, 141) }
```

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

```
.background{ background-color: rgb(114,  
131, 141) }
```

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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