

Converting Colors

XYZ(21.6632, 22.8612, 28.4702)

Have a look what the booklet for
XYZ(21.6632, 22.8612, 28.4702)
contains.

XYZ(21.6632, 22.8612, 28.4702)	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(21.6632, 22.8612,
28.4702)**

Conversions

Conversions Part 1

Format	Color
Hex	7E848D
RGB	126, 132, 141
RGB Percent	49%, 52%, 55%
CMY	0.5059, 0.4823, 0.4471
CMYK	0.11, 0.06, 0.00, 0.45
HSL	216°, 6%, 52%
HSV	216°, 11%, 55%
XYZ	21.6632, 22.8612, 28.4702
YIQ	131.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

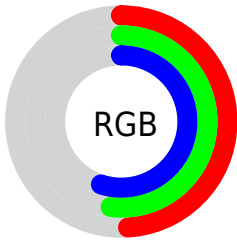
Format	Color
R_{YB}	126, 130, 141
Decimal	8291469
CIE Lab	54.93, -0.31, -5.60
CIE LCh	55, 5.608, 266.848
Yxy	22.8612, 0.2968, 0.3132
Android (android.graphics.Color)	4286481549 (0xFF7E848D)
YUV	131.2320, 4.8156, -4.5885
Hunter-Lab	47.8134, -2.7990, -1.8345

Details

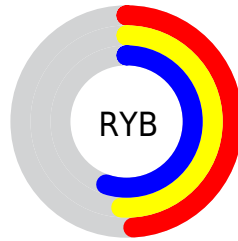
The XYZ color **21.6632, 22.8612, 28.4702** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4146, 24.4971, 23.2336**, and the grayscale version is **21.6418, 22.7689, 24.7953**.

A 20% lighter version of the original color is **45.7897, 48.2218, 58.5241**, and **8.0422, 8.5196, 11.1181** is the 20% darker color. If you saturate the color by 10%, you get **18.6280, 19.6627, 28.0132**, and if you desaturate by 10%, it is **25.0858, 26.3987, 28.9730**.

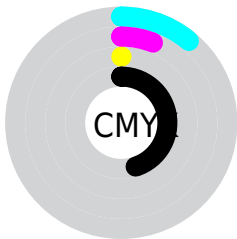
Distribution



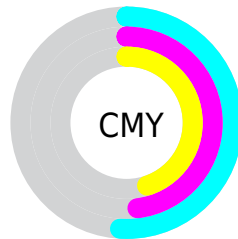
- Red (49%)
- Green (52%)
- Blue (55%)



- Red (49%)
- Yellow (51%)
- Blue (55%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6632, 22.8612, 28.4702 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 21.6632, 22.8612, 28.4702 by changing the saturation by 10% instead.

■ 21.6632, 22.8612,
28.4702

■ 21.6632, 22.8612,
28.4702

253.4479,
267.0113, 308.6893

■ 13.7248, 14.4911,
18.4383

■ 45.6717, 48.1653,
58.2664

■ 8.0100, 8.4630,
11.0924

■ 62.4726, 65.8681,
78.8677

■ 4.1532, 4.3926,
6.0141

■ 82.9584, 87.4505,
103.8293

■ 1.7892, 1.8955,
2.7847

107.4944,
113.2970, 133.5696

■ 0.5111, 0.5457,
0.9858

136.4460,
143.7919, 168.5072

■ 0.0000, 0.0000,
0.0000

170.1785,

179.3197, 209.0607

209.0574,
220.2647, 255.6485

■ 21.6632, 22.8612,
28.4702

■ 21.6632, 22.8612,
28.4702

■ 18.6280, 19.6627,
28.0132

■ 25.0858, 26.3987,
28.9730

■ 15.9639, 16.7897,
27.5990

■ 28.9075, 30.2826,
29.5212

■ 13.6561, 14.2319,
27.2270

■ 33.1418, 34.5235,
30.1166

■ 11.6883, 11.9773,
26.8955

■ 37.8010, 39.1307,
30.7603

■ 10.0426, 10.0129,
26.6031

■ 42.8970, 44.1131,
31.4534

■ 8.6994, 8.3250,
26.3481

■ 48.4409, 49.4793,
32.1970

■ 7.6367, 6.8980,
26.1286

■ 54.4439, 55.2378,
32.9921

■ 6.8290, 5.7147,
25.9428

■ 60.9162, 61.3965,
33.8398

■ 6.2421, 4.7918,
25.7956

■ 67.8682, 67.9632,
34.7409

Harmonies

Analogous

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



21.0815, 22.8612, 27.8705



21.6632, 22.8612, 28.4702



22.2734, 22.8612, 28.0740

Triad

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



21.6632, 22.8612, 28.4702



22.8133, 22.8612, 23.3772



20.7431, 22.8612, 23.0658

Complementary

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



21.6632, 22.8612, 28.4702



23.4146, 24.4971, 23.2336

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.



21.1933, 22.8612, 21.9599



21.6632, 22.8612, 28.4702



22.3894, 22.8612, 22.1336

Square

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



21.6632, 22.8612, 28.4702



22.9448, 22.8612, 25.0807



21.7947, 22.8612, 21.6268



20.5567, 22.8612, 24.7041

Rectangle

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



21.6632, 22.8612, 28.4702



22.6129, 22.8612, 27.3083



21.7947, 22.8612, 21.6268



20.8682, 22.8612, 22.6225

Sweetspot

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



21.6639, 22.8622, 28.4707



43.3721, 45.6819, 51.6594



22.4851, 25.2281, 26.5144



9.5819, 10.0947, 11.5229



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.



21.6639, 22.8622, 28.4707



37.2939, 39.3707, 50.7616



21.0588, 21.3766, 28.2159



5.2956, 5.5870, 6.8281



5.7063, 4.3986, 23.5253



0.0751, 0.0832, 0.2318

Inverse Universe

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



22.6108, 22.2510, 24.9340



39.3838, 38.0650, 42.9463



24.0643, 26.1103, 23.5107



5.4927, 5.4576, 6.0925



10.6834, 5.4304, 3.9841



0.1125, 0.0561, 0.0928

Previews

White Background



This preview shows how the XYZ color 21.6632, 22.8612, 28.4702 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 21.6632, 22.8612, 28.4702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

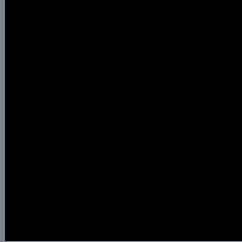
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

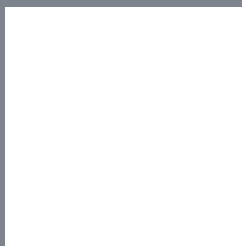
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6632, 22.8612, 28.4702

Background



This preview shows how black text looks on a background with the XYZ color 21.6632, 22.8612, 28.4702.



This preview shows how white text looks on a background with the XYZ color 21.6632, 22.8612,

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

21.6632, 22.8612, 28.4702

Protanopia

22.2100, 22.9513, 28.0704

Deuteranopia

23.2491, 22.8803, 28.7822



Tritanopia

21.7379, 22.8911, 28.8639

Trichromacy



Original Color

21.6632, 22.8612, 28.4702

Protanomaly

21.9032, 22.7932, 28.0560

Deuteranomaly

22.5643, 22.7218, 28.7877

Tritanomaly

21.7379, 22.8911, 28.8639

Monochromacy



Original Color

21.6632, 22.8612, 28.4702

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.5427, 22.6490, 26.1579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6632, 22.8612, 28.4702 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(126, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 132, 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(126, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 132, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.6632, 22.8612, 28.4702 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(126, 132, 141) }
```


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

```
.border{ border-color:rgb(126, 132, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 132,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6632, 22.8612, 28.4702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 132, 141) }
```

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

```
.background{ background-color: rgb(126,  
132, 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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