

Converting Colors

XYZ(21.4447, 22.8610, 32.5605)

Have a look what the booklet for
XYZ(21.4447, 22.8610, 32.5605)
contains.

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Color

**XYZ(21.4447, 22.8610,
32.5605)**

Conversions

Conversions Part 1

Format	Color
Hex	768597
RGB	118, 133, 151
RGB Percent	46%, 52%, 59%
CMY	0.5372, 0.4784, 0.4078
CMYK	0.22, 0.12, 0.00, 0.41
HSL	213°, 14%, 53%
HSV	213°, 22%, 59%
XYZ	21.4447, 22.8610, 32.5605
YIQ	130.5670, -14.7180, 2.4180

Conversions

Conversions Part 2

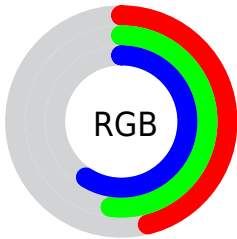
Format	Color
R_{YB}	118, 128, 151
Decimal	7767447
CIE _{Lab}	54.93, -1.34, -11.45
CIE _{LCh}	55, 11.531, 263.337
Yxy	22.8610, 0.2790, 0.2974
Android (android.graphics.Color)	4285957527 (0xFF768597)
YUV	130.5670, 10.0735, -11.0213
Hunter-Lab	47.8132, -3.6140, -6.9069

Details

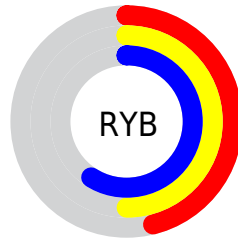
The XYZ color **21.4447, 22.8610, 32.5605** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8370, 25.4958, 20.7523**, and the grayscale version is **21.3888, 22.5027, 24.5054**.

A 20% lighter version of the original color is **45.3729, 48.1835, 64.6665**, and **7.9248, 8.5260, 13.2846** is the 20% darker color. If you saturate the color by 10%, you get **18.4724, 19.7205, 32.1114**, and if you desaturate by 10%, it is **24.8351, 26.3495, 33.0555**.

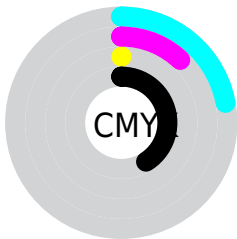
Distribution



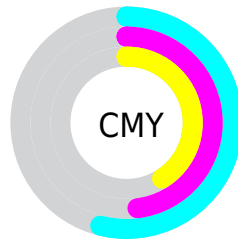
- Red (46%)
- Green (52%)
- Blue (59%)



- Red (46%)
- Yellow (50%)
- Blue (59%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (41%)



- Cyan (54%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4447, 22.8610, 32.5605 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 21.4447, 22.8610, 32.5605 by changing the saturation by 10% instead.

■ 21.4447, 22.8610,
32.5605

■ 21.4447, 22.8610,
32.5605

252.3197,
267.0103, 328.2357

■ 13.5638, 14.4909,
21.5216

■ 45.3122, 48.1650,
64.7968

■ 7.8975, 8.4629,
13.3109

■ 62.0295, 65.8677,
86.8314

■ 4.0807, 4.3925,
7.5097

■ 82.4229, 87.4500,
113.3682

■ 1.7479, 1.8955,
3.6996

106.8578,
113.2964, 144.8259

■ 0.4860, 0.5457,
1.4621

135.6996,
143.7912, 181.6229

■ 0.0000, 0.0000,
0.1894

169.3136,

■ 0.0000, 0.0000,

179.3189, 224.1779

0.0000

208.0652,
220.2637, 272.9093

■ 21.4447, 22.8610,
32.5605

■ 21.4447, 22.8610,
32.5605

■ 18.4724, 19.7205,
32.1114

■ 24.8351, 26.3495,
33.0555

■ 15.8986, 16.9131,
31.7051

■ 28.6580, 30.1945,
33.5962

■ 13.7049, 14.4268,
31.3408

■ 32.9297, 34.4079,
34.1843

■ 11.8707, 12.2478,
31.0169

■ 37.6650, 38.9999,
34.8211

■ 10.3734, 10.3611,
30.7317

■ 42.8778, 43.9804,
35.5077

■ 9.1871, 8.7498,
30.4832

■ 48.5818, 49.3590,
36.2452

■ 8.2819, 7.3948,
30.2694

■ 54.7897, 55.1448,
37.0348

■ 7.6922, 6.4468,
30.1175

■ 61.5139, 61.3467,
37.8775

■ 68.7666, 67.9731,
38.7743

Harmonies

Analogous

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



20.2935, 22.8610, 30.9777



21.4447, 22.8610, 32.5605



22.7172, 22.8610, 31.9325

Triad

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



21.4447, 22.8610, 32.5605



24.0651, 22.8610, 22.2054



19.8156, 22.8610, 20.9198

Complementary

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



21.4447, 22.8610, 32.5605



24.8370, 25.4958, 20.7523

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.



20.7693, 22.8610, 18.9704



21.4447, 22.8610, 32.5605



23.2300, 22.8610, 19.6602

Square

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



21.4447, 22.8610, 32.5605



24.2632, 22.8610, 25.7176



22.0152, 22.8610, 18.5329



19.3771, 22.8610, 24.0837

Rectangle

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



21.4447, 22.8610, 32.5605



23.4600, 22.8610, 30.3720



22.0152, 22.8610, 18.5329



20.0847, 22.8610, 20.1139

Sweetspot

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



21.4454, 22.8619, 32.5610



47.6045, 50.3527, 59.6437



22.9539, 27.7514, 27.2911



10.7391, 11.3632, 13.5448



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.4454, 22.8619, 32.5610



35.8298, 38.2409, 57.9265



19.6864, 19.1209, 31.9316



6.1042, 6.4657, 7.8553



6.5717, 5.5401, 25.6307



0.1340, 0.1542, 0.3951

Inverse Universe

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



23.4752, 21.2303, 25.0519



40.1424, 34.9711, 41.9278



26.8963, 29.9162, 21.4970



6.3197, 6.2670, 7.0636



11.7759, 5.9646, 5.3448



0.1941, 0.0964, 0.1748

Previews

White Background



This preview shows how the XYZ color 21.4447, 22.8610, 32.5605 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 21.4447, 22.8610, 32.5605 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

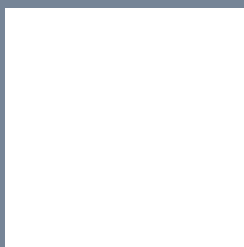
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4447, 22.8610, 32.5605

Background



This preview shows how black text looks on a background with the XYZ color 21.4447, 22.8610, 32.5605.



This preview shows how white text looks on a background with the XYZ color 21.4447, 22.8610,

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

21.4447, 22.8610, 32.5605

Protanopia

22.3095, 22.7244, 31.6442

Deuteranopia

23.2182, 22.7737, 32.8778



Tritanopia

20.9721, 22.8764, 30.0983

Trichromacy



Original Color

21.4447, 22.8610, 32.5605

Protanomaly

21.9335, 22.7197, 32.0835

Deuteranomaly

22.5522, 22.8215, 32.9221

Tritanomaly

21.1277, 22.9387, 30.9178

Monochromacy



Original Color

21.4447, 22.8610, 32.5605

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4429, 22.7731, 27.3102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4447, 22.8610, 32.5605 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(118, 133, 151)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 151)  
}
```

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(118, 133, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 151) }
```

Border

The CSS property to change the border of an element to XYZ 21.4447, 22.8610, 32.5605 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(118, 133, 151) }
```


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

```
.border{ border-color:rgb(118, 133, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 133, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 151);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4447, 22.8610, 32.5605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 151) }
```

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

```
.background{ background-color: rgb(118,  
133, 151) }
```

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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