

Converting Colors

XYZ(21.8944, 22.9215, 30.8113)

Have a look what the booklet for
XYZ(21.8944, 22.9215, 30.8113)
contains.

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Color

**XYZ(21.9752, 22.9691,
30.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8493
RGB	125, 132, 147
RGB Percent	49%, 52%, 58%
CMY	0.5098, 0.4823, 0.4235
CMYK	0.15, 0.10, 0.00, 0.42
HSL	221°, 9%, 53%
HSV	221°, 15%, 58%
XYZ	21.9752, 22.9691, 30.8790
YIQ	131.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

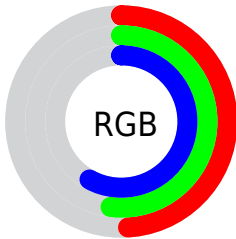
Format	Color
RYB	125, 130, 147
Decimal	8225939
CIELab	55.04, 0.67, -8.92
CIELCh	55, 8.942, 274.301
Yxy	22.9691, 0.2898, 0.3029
Android (android.graphics.Color)	4286416019 (0xFF7D8493)
YUV	131.6170, 7.5838, -5.8031
Hunter-Lab	47.9261, -2.0244, -4.6526

Details

The XYZ color **21.9752, 22.9691, 30.8790** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1126, 26.4398, 23.1824**, and the grayscale version is **21.7708, 22.9046, 24.9431**.

A 20% lighter version of the original color is **46.2517, 48.3799, 62.1589**, and **8.1851, 8.5675, 12.2886** is the 20% darker color. If you saturate the color by 10%, you get **18.6918, 19.3555, 30.3549**, and if you desaturate by 10%, it is **25.7082, 27.0095, 31.4625**.

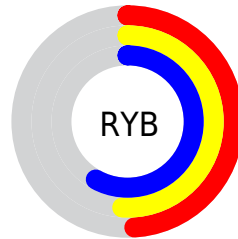
Distribution



Red (49%)

Green (52%)

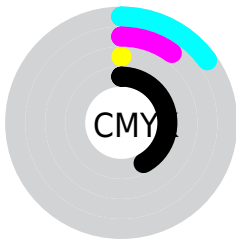
Blue (58%)



Red (49%)

Yellow (51%)

Blue (58%)

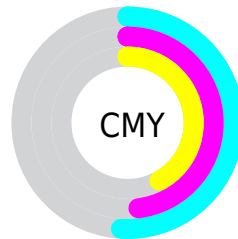


Cyan (15%)

Magenta (10%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9752, 22.9691, 30.8790 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 21.9752, 22.9691, 30.8790 by changing the saturation by 10% instead.

■ 21.9752, 22.9691,
30.8790

■ 21.9752, 22.9691,
30.8790

255.0515,
267.5662, 320.3144

■ 13.9552, 14.5707,
20.2490

■ 46.1842, 48.3426,
62.1269

■ 8.1710, 8.5186,
12.3903

■ 63.1038, 66.0865,
83.5818

■ 4.2573, 4.4286,
6.8843

■ 83.7207, 87.7143,
109.4822

■ 1.8487, 1.9161,
3.3125

108.4002,
113.6104, 140.2466

■ 0.5467, 0.5580,
1.2563

137.5077,
144.1593, 176.2934

■ 0.0000, 0.0000,
0.0256

171.4085,

■ 0.0000, 0.0000,

179.7453, 218.0413

0.0000

210.4680,
220.7528, 265.9088

■ 21.9752, 22.9691,
30.8790

■ 21.9752, 22.9691,
30.8790

■ 18.6918, 19.3555,
30.3549

■ 25.7082, 27.0095,
31.4625

■ 15.8383, 16.1513,
29.8868

■ 29.9053, 31.4877,
32.1057

■ 13.3967, 13.3421,
29.4733

■ 34.5829, 36.4176,
32.8107

■ 11.3468, 10.9116,
29.1122

■ 39.7559, 41.8118,
33.5792

■ 9.6665, 8.8422,
28.8013

■ 45.4386, 47.6823,
34.4128

■ 8.3315, 7.1145,
28.5382

■ 51.6447, 54.0408,
35.3131

■ 7.3142, 5.7074,
28.3202

■ 58.3873, 60.8984,
36.2813

■ 6.5796, 4.5951,
28.1443

■ 65.6792, 68.2660,
37.3191

■ 6.2744, 4.1224,
28.0691

■ 72.6805, 75.7146,
38.3878

Harmonies

Analogous

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



21.0125, 22.9691, 30.2771



21.9752, 22.9691, 30.8790



22.9271, 22.9691, 29.8129

Triad

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



21.9752, 22.9691, 30.8790



23.4499, 22.9691, 22.0478



20.1529, 22.9691, 22.7085

Complementary

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



21.9752, 22.9691, 30.8790



25.1126, 26.4398, 23.1824

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.



20.7712, 22.9691, 20.7518



21.9752, 22.9691, 30.8790



22.6714, 22.9691, 20.3912

Square

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



21.9752, 22.9691, 30.8790



23.7948, 22.9691, 24.6009



21.6883, 22.9691, 19.9352



19.9792, 22.9691, 25.4225

Rectangle

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



21.9752, 22.9691, 30.8790



23.4218, 22.9691, 28.3439



21.6883, 22.9691, 19.9352



20.3147, 22.9691, 21.9473

Sweetspot

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



21.9759, 22.9701, 30.8795



46.6692, 49.0460, 56.4417



23.6007, 27.1115, 28.6718



10.5391, 11.0733, 12.8667



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.9759, 22.9701, 30.8795



37.2642, 38.8476, 54.9689



21.6033, 21.4154, 30.5991



5.6412, 5.9164, 7.3144



5.4599, 3.6146, 24.3409



0.0911, 0.0928, 0.3060

Inverse Universe

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



23.5317, 22.5368, 24.9407



40.6237, 37.9826, 42.1291



25.5213, 28.2179, 23.5041



5.8723, 5.8440, 6.4338



10.8830, 5.5582, 2.8648



0.1455, 0.0729, 0.0996

Previews

White Background



This preview shows how the XYZ color 21.9752, 22.9691, 30.8790 looks on a white background.

Color Contrast Check

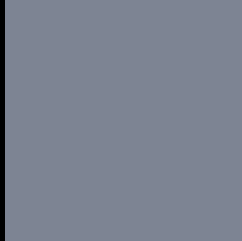
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9752, 22.9691, 30.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

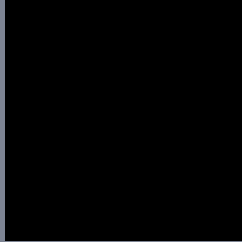
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9752, 22.9691, 30.8790

Background



This preview shows how black text looks on a background with the XYZ color 21.9752, 22.9691, 30.8790.



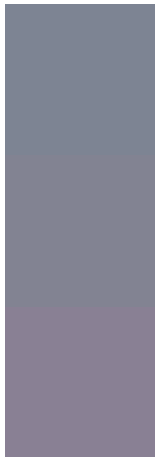
This preview shows how white text looks on a background with the XYZ color 21.9752, 22.9691,

30.8790.

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

21.9752, 22.9691, 30.8790

Protanopia

22.5105, 23.0537, 30.4575

Deuteranopia

23.3810, 22.8948, 31.2038



Tritanopia

21.6576, 23.0433, 29.2929

Trichromacy



Original Color

21.9752, 22.9691, 30.8790

Protanomaly

22.2067, 22.8971, 30.4433

Deuteranomaly

22.8684, 22.8252, 31.2174

Tritanomaly

21.7338, 23.0738, 29.6937

Monochromacy



Original Color

21.9752, 22.9691, 30.8790

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.8199, 22.9758, 26.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9752, 22.9691, 30.8790 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(125, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(125, 132, 147)  
}
```

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(125, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 132, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.9752, 22.9691, 30.8790 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(125, 132, 147) }
```


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

```
.border{ border-color:rgb(125, 132, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 132, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 132, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 132, 147);  
box-shadow:4px 4px 4px 4px rgb(125, 132,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9752, 22.9691, 30.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 132, 147) }
```

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

```
.background{ background-color: rgb(125,  
132, 147) }
```

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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