

Converting Colors

XYZ(22.2497, 20.9734, 32.1738)

Have a look what the booklet for
XYZ(22.2497, 20.9734, 32.1738)
contains.

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Color

**XYZ(22.2548, 20.9774,
32.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	867997
RGB	134, 121, 151
RGB Percent	53%, 47%, 59%
CMY	0.4745, 0.5255, 0.4078
CMYK	0.11, 0.20, 0.00, 0.41
HSL	266°, 13%, 53%
HSV	266°, 20%, 59%
XYZ	22.2548, 20.9774, 32.1543
YIQ	128.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

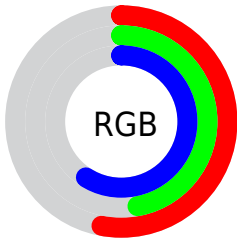
Format	Color
R_{YB}	134, 121, 151
Decimal	8812951
CIE _{Lab}	52.92, 11.09, -14.35
CIE _{LCh}	53, 18.133, 307.689
Yxy	20.9774, 0.2952, 0.2783
Android (android.graphics.Color)	4287003031 (0xFF867997)
YUV	128.3070, 11.1876, 4.9928
Hunter-Lab	45.8011, 6.5814, -9.5633

Details

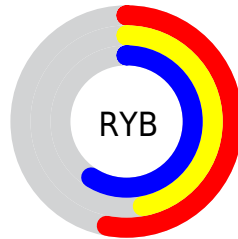
The XYZ color **22.2548, 20.9774, 32.1543** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.9997, 28.9175, 22.3541**, and the grayscale version is **20.5877, 21.6599, 23.5876**.

A 20% lighter version of the original color is **46.4565, 44.8597, 63.9679**, and **8.2738, 7.4396, 13.0565** is the 20% darker color. If you saturate the color by 10%, you get **19.2525, 16.9159, 31.5289**, and if you desaturate by 10%, it is **25.6560, 25.6720, 32.8815**.

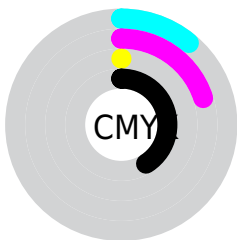
Distribution



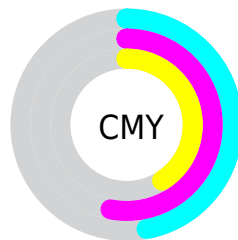
- Red (53%)
- Green (47%)
- Blue (59%)



- Red (53%)
- Yellow (47%)
- Blue (59%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2548, 20.9774, 32.1543 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 22.2548, 20.9774, 32.1543 by changing the saturation by 10% instead.

■ 22.2548, 20.9774,
32.1543

■ 22.2548, 20.9774,
32.1543

256.4815,
257.1584, 326.3359

■ 14.1619, 13.1075,
21.2136

■ 46.6425, 45.0499,
64.1536

■ 8.3158, 7.5026,
13.0875

■ 63.6680, 62.0213,
86.0493

■ 4.3512, 3.7784,
7.3574

■ 84.4017, 82.7953,
112.4337

■ 1.9027, 1.5504,
3.6048

109.2091,
107.7563, 143.7254

■ 0.5784, 0.3238,
1.4111

138.4553,
137.2887, 180.3430

■ 0.0000, 0.0000,
0.1504

172.5059,

■ 0.0000, 0.0000,

171.7770, 222.7049

0.0000

211.7262,
211.6054, 271.2297

■ 22.2548, 20.9774,
32.1543

■ 22.2548, 20.9774,
32.1543

■ 19.2525, 16.9159,
31.5289

■ 25.6560, 25.6720,
32.8815

■ 16.6312, 13.4570,
30.9994

■ 29.4692, 31.0234,
33.7135

■ 14.3746, 10.5713,
30.5614

■ 33.7092, 37.0570,
34.6546

■ 12.4641, 8.2260,
30.2094

■ 38.3893, 43.7964,
35.7088

■ 10.8794, 6.3849,
29.9375

■ 43.5225, 51.2637,
36.8796

■ 9.5978, 5.0070,
29.7391

■ 49.1210, 59.4804,
38.1704

■ 8.5930, 4.0446,
29.6063

■ 55.1966, 68.4667,
39.5848

■ 7.8044, 3.3813,
29.5199

■ 61.7608, 78.2422,
41.1257

■ 7.7946, 3.3730,
29.5188

■ 68.2141, 87.6054,
42.5928

Harmonies

Analogous

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



20.4309, 20.9774, 34.8486



22.2548, 20.9774, 32.1543



23.5103, 20.9774, 27.0446

Triad

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



22.2548, 20.9774, 32.1543



21.3567, 20.9774, 14.4689



16.5348, 20.9774, 24.2686

Complementary

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



22.2548, 20.9774, 32.1543



24.9997, 28.9175, 22.3541

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.



16.7479, 20.9774, 19.0970



22.2548, 20.9774, 32.1543



19.4539, 20.9774, 13.9669

Square

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



22.2548, 20.9774, 32.1543



22.9693, 20.9774, 17.0261



17.7886, 20.9774, 15.5256



17.1866, 20.9774, 29.8482

Rectangle

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



22.2548, 20.9774, 32.1543



23.8133, 20.9774, 23.2650



17.7886, 20.9774, 15.5256



16.5084, 20.9774, 22.4218

Sweetspot

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



22.2554, 20.9783, 32.1548



48.4165, 49.4245, 59.4217



22.6322, 24.6208, 32.8380



10.9153, 11.1087, 13.4864



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.



22.2554, 20.9783, 32.1548



37.2880, 34.0745, 57.0454



24.7273, 22.2526, 32.2704



6.1257, 6.1507, 7.7933



6.6626, 2.8857, 25.1135



0.1402, 0.0641, 0.3773

Inverse Universe

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



24.1880, 22.0899, 27.0346



41.4689, 36.4811, 45.8941



22.7586, 27.7622, 22.2492



6.3480, 6.2784, 7.2128



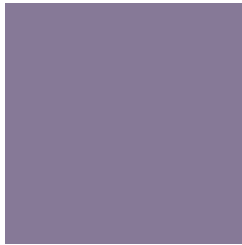
12.2861, 6.1687, 8.0317



0.2019, 0.0995, 0.2160

Previews

White Background



This preview shows how the XYZ color 22.2548, 20.9774, 32.1543 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 22.2548, 20.9774, 32.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

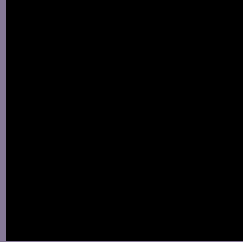
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2548, 20.9774, 32.1543

Background



This preview shows how black text looks on a background with the XYZ color 22.2548, 20.9774, 32.1543.



This preview shows how white text looks on a background with the XYZ color 22.2548, 20.9774,

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

22.2548, 20.9774, 32.1543

Protanopia

20.9121, 20.9934, 33.5218

Deuteranopia

21.4213, 20.9123, 32.1856



Tritanopia

20.8708, 20.9618, 25.5003

Trichromacy



Original Color

22.2548, 20.9774, 32.1543

Protanomaly

21.4149, 21.0752, 33.0762

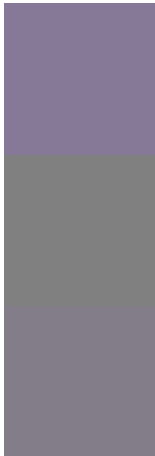
Deuteranomaly

21.7514, 20.8993, 32.1657

Tritanomaly

21.3323, 20.9649, 27.7332

Monochromacy



Original Color

22.2548, 20.9774, 32.1543

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.9835, 21.1906, 26.2768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2548, 20.9774, 32.1543 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(134, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(134, 121, 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(134, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 121, 151) }
```

Border

The CSS property to change the border of an element to XYZ 22.2548, 20.9774, 32.1543 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(134, 121, 151) }
```


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

```
.border{ border-color:rgb(134, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(134, 121,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2548, 20.9774, 32.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 121, 151) }
```

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

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