

Converting Colors

XYZ(22.2527, 21.5271, 33.6222)

Have a look what the booklet for
XYZ(22.2527, 21.5271, 33.6222)
contains.

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Color

**XYZ(22.2463, 21.4942,
33.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	827C9A
RGB	130, 124, 154
RGB Percent	51%, 49%, 60%
CMY	0.4902, 0.5137, 0.3961
CMYK	0.16, 0.19, 0.00, 0.40
HSL	252°, 13%, 55%
HSV	252°, 19%, 60%
XYZ	22.2463, 21.4942, 33.5481
YIQ	129.2140, -6.0540, 10.6020

Conversions

Conversions Part 2

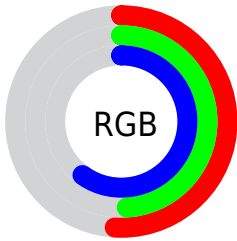
Format	Color
R_{YB}	130, 124, 154
Decimal	8551578
CIE _{Lab}	53.49, 8.63, -15.28
CIE _{LCh}	53, 17.546, 299.451
Y _{xy}	21.4942, 0.2878, 0.2781
Android (android.graphics.Color)	4286741658 (0xFF827C9A)
YUV	129.2140, 12.2195, 0.6893
Hunter-Lab	46.3618, 4.5184, -10.4498

Details

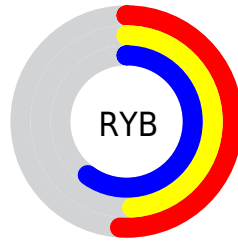
The XYZ color **22.2463, 21.4942, 33.5481** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.4071, 30.8628, 23.5823**, and the grayscale version is **20.9018, 21.9903, 23.9474**.

A 20% lighter version of the original color is **46.6357, 46.0656, 66.1081**, and **8.2725, 7.7169, 13.8855** is the 20% darker color. If you saturate the color by 10%, you get **18.6871, 17.0151, 32.8715**, and if you desaturate by 10%, it is **26.3345, 26.6946, 34.3367**.

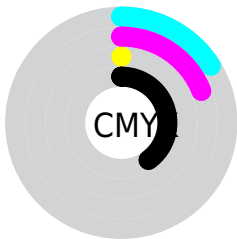
Distribution



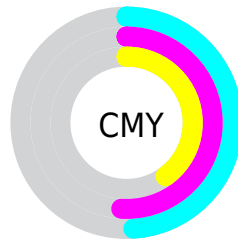
- Red (51%)
- Green (49%)
- Blue (60%)



- Red (51%)
- Yellow (49%)
- Blue (60%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2463, 21.4942, 33.5481 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 22.2463, 21.4942, 33.5481 by changing the saturation by 10% instead.

■ 22.2463, 21.4942,
33.5481

■ 22.2463, 21.4942,
33.5481

256.4381,
259.8934, 332.8198

■ 14.1556, 13.4857,
22.2721

■ 46.6286, 45.9086,
66.3561

■ 8.3114, 7.7639,
13.8568

■ 63.6509, 63.0833,
88.7253

■ 4.3483, 3.9442,
7.8835

■ 84.3810, 84.0822,
115.6292

■ 1.9010, 1.6424,
3.9338

109.1845,
109.2896, 147.4865

■ 0.5774, 0.3859,
1.5891

138.4266,
139.0901, 184.7156

■ 0.0000, 0.0000,
0.2830

172.4726,

■ 0.0000, 0.0000,

173.8680, 227.7352

0.0000

211.6880,
214.0076, 276.9637

■ 22.2463, 21.4942,
33.5481

■ 22.2463, 21.4942,
33.5481

■ 18.6871, 17.0151,
32.8715

■ 26.3345, 26.6946,
34.3367

■ 15.6331, 13.2226,
32.3004

■ 30.9704, 32.6435,
35.2407

■ 13.0615, 10.0831,
31.8300

■ 36.1742, 39.3702,
36.2648

■ 10.9468, 7.5593,
31.4543

■ 41.9642, 46.9015,
37.4133

■ 9.2612, 5.6097,
31.1668

■ 48.3583, 55.2627,
38.6902

7.9740, 4.1879,
30.9602

55.3732, 64.4784,
40.0993

7.0494, 3.2399,
30.8260

63.0254, 74.5720,
41.6442

6.4199, 2.6487,
30.7450

71.3304, 85.5657,
43.3285

6.3917, 2.6213,
30.7412

77.8295, 92.5338,
44.3309

Harmonies

Analogous

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



20.3952, 21.4942, 35.2653



22.2463, 21.4942, 33.5481



23.6803, 21.4942, 29.0288

Triad

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



22.2463, 21.4942, 33.5481



22.3094, 21.4942, 15.6179



17.0455, 21.4942, 23.3051

Complementary

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



22.2463, 21.4942, 33.5481



27.4071, 30.8628, 23.5823

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.



17.4909, 21.4942, 18.5564



22.2463, 21.4942, 33.5481



20.4640, 21.4942, 14.5535

Square

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



22.2463, 21.4942, 33.5481



23.7183, 21.4942, 18.7030



18.7146, 21.4942, 15.5428



17.4599, 21.4942, 28.8322

Rectangle

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



22.2463, 21.4942, 33.5481



24.1666, 21.4942, 25.3370



18.7146, 21.4942, 15.5428



17.0992, 21.4942, 21.5710

Sweetspot

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



22.2470, 21.4951, 33.5486



50.5540, 51.9676, 62.9026



24.8141, 27.9558, 34.6603



11.3321, 11.6210, 14.2162



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.2470, 21.4951, 33.5486



37.7252, 35.6530, 60.4297



24.6302, 22.7237, 33.6601



5.9941, 6.0829, 7.7872



5.2322, 2.1484, 25.0466



0.1030, 0.0449, 0.3756

Inverse Universe

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



25.8800, 23.4243, 31.1751



45.4842, 39.7754, 55.2566



24.9463, 29.5943, 23.4672



6.4083, 6.3025, 7.5300



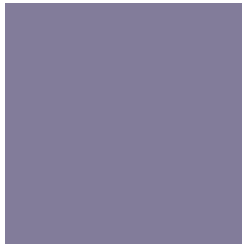
13.7934, 6.7716, 15.9689



0.2182, 0.1060, 0.3019

Previews

White Background



This preview shows how the XYZ color 22.2463, 21.4942, 33.5481 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 22.2463, 21.4942, 33.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

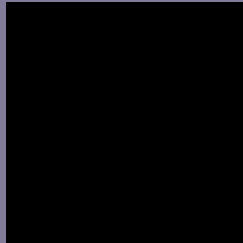
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2463, 21.4942, 33.5481

Background



This preview shows how black text looks on a background with the XYZ color 22.2463, 21.4942, 33.5481.



This preview shows how white text looks on a background with the XYZ color 22.2463, 21.4942,

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

22.2463, 21.4942, 33.5481

Protanopia

21.4753, 21.6440, 34.4983

Deuteranopia

21.9187, 21.5124, 33.5689



Tritanopia

20.8571, 21.4969, 26.7169

Trichromacy



Original Color

22.2463, 21.4942, 33.5481

Protanomaly

21.6894, 21.5734, 34.0313

Deuteranomaly

22.0684, 21.5895, 33.5759

Tritanomaly

21.3209, 21.4941, 29.0116

Monochromacy



Original Color

22.2463, 21.4942, 33.5481

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2301, 21.6808, 27.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2463, 21.4942, 33.5481 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(130, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(130, 124, 154)  
}
```

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(130, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 124, 154) }
```

Border

The CSS property to change the border of an element to XYZ 22.2463, 21.4942, 33.5481 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(130, 124, 154) }
```


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

```
.border{ border-color:rgb(130, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(130, 124,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2463, 21.4942, 33.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 124, 154) }
```

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

```
.background{ background-color: rgb(130,  
124, 154) }
```

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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