

Converting Colors

XYZ(22.4995, 22.0006, 33.6325)

Have a look what the booklet for
XYZ(22.4995, 22.0006, 33.6325)
contains.

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Color

**XYZ(22.4995, 22.0006,
33.6325)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 827E9A |
| RGB | 130, 126, 154 |
| RGB Percent | 51%, 49%, 60% |
| CMY | 0.4902, 0.5059, 0.3961 |
| CMYK | 0.16, 0.18, 0.00, 0.40 |
| HSL | 249°, 12%, 55% |
| HSV | 249°, 18%, 60% |
| XYZ | 22.4995, 22.0006, 33.6325 |
| YIQ | 130.3880, -6.6040, 9.5560 |

Conversions

Conversions Part 2

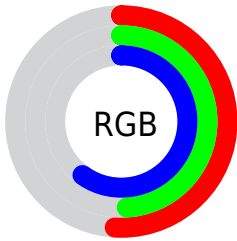
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 130, 126, 154 |
| Decimal | 8552090 |
| CIE Lab | 54.03, 7.46, -14.46 |
| CIE LCh | 54, 16.269, 297.285 |
| Yxy | 22.0006, 0.2880, 0.2816 |
| Android (android.graphics.Color) | 4286742170 (0xFF827E9A) |
| YUV | 130.3880, 11.6407, -0.3403 |
| Hunter-Lab | 46.9048, 3.5403, -9.6798 |

Details

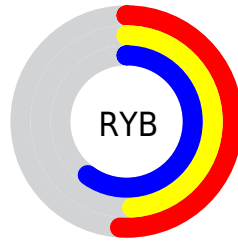
The XYZ color **22.4995, 22.0006, 33.6325** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.8998, 31.1021, 24.2725**, and the grayscale version is **21.3177, 22.4279, 24.4240**.

A 20% lighter version of the original color is **47.0337, 46.8615, 66.2407**, and **8.4103, 7.9925, 13.9314** is the 20% darker color. If you saturate the color by 10%, you get **18.7834, 17.3836, 32.9375**, and if you desaturate by 10%, it is **26.7799, 27.3596, 34.4416**.

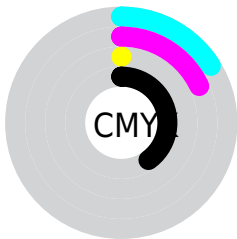
Distribution



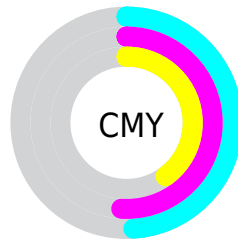
- Red (51%)
- Green (49%)
- Blue (60%)



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



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4995, 22.0006, 33.6325 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 22.4995, 22.0006, 33.6325 by changing the saturation by 10% instead.

■ 22.4995, 22.0006,
33.6325

■ 22.4995, 22.0006,
33.6325

257.7274,
262.5494, 333.2093

■ 14.3430, 13.8573,
22.3363

■ 47.0429, 46.7470,
66.4891

■ 8.4429, 8.0215,
13.9036

■ 64.1606, 64.1189,
88.8867

■ 4.4338, 4.1087,
7.9156

■ 84.9960, 85.3358,
115.8217

■ 1.9504, 1.7346,
3.9540

109.9146,
110.7822, 147.7129

■ 0.6059, 0.4459,
1.6002

139.2817,
140.8423, 184.9787

■ 0.0000, 0.0000,
0.2909

173.4626,

■ 0.0000, 0.0000,

175.9006, 228.0377

0.0000

212.8227,
216.3415, 277.3083

■ 22.4995, 22.0006,
33.6325

■ 22.4995, 22.0006,
33.6325

■ 18.7834, 17.3836,
32.9375

■ 26.7799, 27.3596,
34.4416

■ 15.6059, 13.4733,
32.3502

■ 31.6448, 33.4886,
35.3683

■ 12.9425, 10.2353,
31.8656

■ 37.1159, 40.4174,
36.4173

■ 10.7656, 7.6316,
31.4778

■ 43.2132, 48.1735,
37.5930

■ 9.0455, 5.6199,
31.1802

■ 49.9556, 56.7829,
38.8994

■ 7.7486, 4.1531,
30.9654

■ 57.3615, 66.2706,
40.3404

■ 6.8370, 3.1768,
30.8250

■ 65.4483, 76.6606,
41.9196

■ 6.2494, 2.5930,
30.7433

■ 74.2329, 87.9759,
43.6407

■ 6.1636, 2.5036,
30.7306

■ 80.5909, 93.9574,
44.4602

Harmonies

Analogous

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



20.7512, 22.0006, 34.9876



22.4995, 22.0006, 33.6325



23.8866, 22.0006, 29.5787

Triad

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



22.4995, 22.0006, 33.6325



22.7920, 22.0006, 16.6964



17.7121, 22.0006, 23.4992

Complementary

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



22.4995, 22.0006, 33.6325



27.8998, 31.1021, 24.2725

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.



18.1932, 22.0006, 19.0934



22.4995, 22.0006, 33.6325



21.0715, 22.0006, 15.5259

Square

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



22.4995, 22.0006, 33.6325



24.0621, 22.0006, 19.7844



19.3989, 22.0006, 16.3385



18.0476, 22.0006, 28.6738

Rectangle

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



22.4995, 22.0006, 33.6325



24.3856, 22.0006, 26.1500



19.3989, 22.0006, 16.3385



17.7831, 22.0006, 21.8862

Sweetspot

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



22.5002, 22.0015, 33.6330



51.2543, 52.9780, 63.0607



25.3865, 28.6672, 34.7675



11.4738, 11.8311, 14.2493



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.



22.5002, 22.0015, 33.6330



37.8736, 36.2318, 60.5336



24.7493, 23.1610, 33.7383



5.9625, 6.0666, 7.7857



5.0412, 2.0499, 25.0377



0.0938, 0.0402, 0.3752

Inverse Universe

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



26.2930, 23.9946, 32.1006



46.1516, 40.5838, 57.1021



25.5188, 29.8746, 24.1610



6.4233, 6.3085, 7.6091



14.2609, 6.9586, 18.4306



0.2223, 0.1077, 0.3235

Previews

White Background



This preview shows how the XYZ color 22.4995, 22.0006, 33.6325 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 22.4995, 22.0006, 33.6325 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 22.4995, 22.0006, 33.6325

Background



This preview shows how black text looks on a background with the XYZ color 22.4995, 22.0006, 33.6325.



This preview shows how white text looks on a background with the XYZ color 22.4995, 22.0006,

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

22.4995, 22.0006, 33.6325

Protanopia

21.8039, 22.0159, 34.1106

Deuteranopia

22.3468, 21.9219, 33.6254



Tritanopia

21.2629, 22.0766, 27.5666

Trichromacy



Original Color

22.4995, 22.0006, 33.6325

Protanomaly

22.1100, 21.9809, 34.0878

Deuteranomaly

22.3468, 21.9219, 33.6254

Tritanomaly

21.6553, 22.0412, 29.4986

Monochromacy



Original Color

22.4995, 22.0006, 33.6325

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7164, 22.3104, 27.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4995, 22.0006, 33.6325 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, 126, 154)` looks like.

```
.text, #text, p{  
    color:rgb(130, 126, 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, 126, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 126, 154) }
```

Border

The CSS property to change the border of an element to XYZ 22.4995, 22.0006, 33.6325 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, 126, 154) }
```


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

```
.border{ border-color:rgb(130, 126, 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, 126, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 126, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 126, 154);  
box-shadow:4px 4px 4px 4px rgb(130, 126,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4995, 22.0006, 33.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 126, 154) }
```

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

```
.background{ background-color: rgb(130,  
126, 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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