

Converting Colors

XYZ(22.5517, 28.1201, 33.7548)

Have a look what the booklet for
XYZ(22.5517, 28.1201, 33.7548)
contains.

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Color

**XYZ(22.5899, 28.1449,
33.9477)**

Conversions

Conversions Part 1

Format	Color
Hex	659A98
RGB	101, 154, 152
RGB Percent	40%, 60%, 60%
CMY	0.6039, 0.3961, 0.4039
CMYK	0.34, 0.00, 0.01, 0.40
HSL	178°, 21%, 50%
HSV	178°, 34%, 60%
XYZ	22.5899, 28.1449, 33.9477
YIQ	137.9250, -30.9460, -11.8580

Conversions

Conversions Part 2

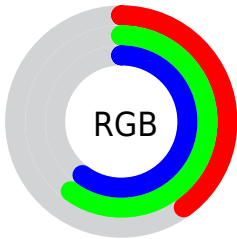
Format	Color
R_{YB}	101, 128, 154
Decimal	6658712
CIE _{Lab}	60.02, -17.96, -4.55
CIE _{LCh}	60, 18.522, 194.216
Yxy	28.1449, 0.2668, 0.3324
Android (android.graphics.Color)	4284848792 (0xFF659A98)
YUV	137.9250, 6.9390, -32.3832
Hunter-Lab	53.0518, -16.8338, -0.8033

Details

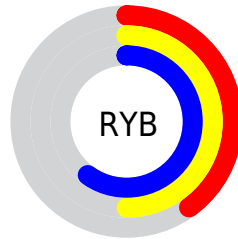
The XYZ color **22.5899, 28.1449, 33.9477** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4292, 17.1574, 15.0679**, and the grayscale version is **24.1123, 25.3681, 27.6258**.

A 20% lighter version of the original color is **47.2675, 56.9272, 66.8893**, and **8.5146, 11.3182, 14.0478** is the 20% darker color. If you saturate the color by 10%, you get **20.9773, 27.3198, 33.6247**, and if you desaturate by 10%, it is **24.5275, 29.1389, 34.2883**.

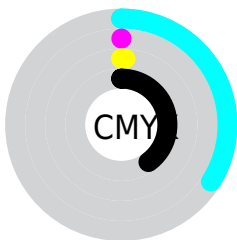
Distribution



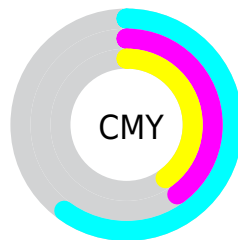
- Red (40%)
- Green (60%)
- Blue (60%)



- Red (40%)
- Yellow (50%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5899, 28.1449, 33.9477 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 22.5899, 28.1449, 33.9477 by changing the saturation by 10% instead.

■ 22.5899, 28.1449,
33.9477

■ 22.5899, 28.1449,
33.9477

258.1864,
293.1587, 334.6608

■ 14.4100, 18.4349,
22.5764

■ 47.1907, 56.7157,
66.9853

■ 8.4900, 11.2627,
14.0787

■ 64.3423, 76.3453,
89.4887

■ 4.4645, 6.2438,
8.0360

■ 85.2152, 100.0502,
116.5398

■ 1.9681, 2.9939,
4.0299

■ 110.1747,
128.2149, 148.5572

■ 0.6160, 1.1285,
1.6418

139.5863,
161.2237, 185.9595

■ 0.0000, 0.0022,
0.3204

173.8152,

■ 0.0000, 0.0000,

199.4610, 229.1652

0.0000

213.2268,
243.3112, 278.5928

■ 22.5899, 28.1449,
33.9477

■ 22.5899, 28.1449,
33.9477

■ 20.9773, 27.3198,
33.6247

■ 24.5275, 29.1389,
34.2883

■ 19.6692, 26.6509,
33.3166

■ 26.8043, 30.3071,
34.6454

■ 18.6464, 26.1291,
33.0231

■ 29.4367, 31.6586,
35.0203

■ 17.8869, 25.7429,
32.7431

■ 32.4393, 33.2009,
35.4138

■ 17.3650, 25.4793,
32.4755

■ 35.8257, 34.9411,
35.8265

■ 17.0496, 25.3220,
32.2187

■ 39.6092, 36.8858,
36.2590

■ 16.9162, 25.2562,
32.0778

■ 43.8021, 39.0417,
36.7119

■ 48.4162, 41.4147,
37.1858

■ 53.4631, 44.0107,
37.6811

Harmonies

Analogous

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



22.6186, 28.1449, 27.2452



22.5899, 28.1449, 33.9477



23.6295, 28.1449, 40.6276

Triad

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



22.5899, 28.1449, 33.9477



30.0408, 28.1449, 40.9316



28.0039, 28.1449, 19.7658

Complementary

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



22.5899, 28.1449, 33.9477



20.4292, 17.1574, 15.0679

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.



30.1357, 28.1449, 22.4483



22.5899, 28.1449, 33.9477



31.3581, 28.1449, 34.3165

Square

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



22.5899, 28.1449, 33.9477



27.8805, 28.1449, 45.0434



31.3938, 28.1449, 27.5638



25.6522, 28.1449, 19.6973

Rectangle

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



22.5899, 28.1449, 33.9477



24.8258, 28.1449, 43.8955



31.3938, 28.1449, 27.5638



28.7730, 28.1449, 20.3718

Sweetspot

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



22.5907, 28.1460, 33.9483



50.6254, 56.0465, 63.2166



19.5737, 26.9741, 16.4873



11.3199, 12.6145, 14.2887



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.



22.5907, 28.1460, 33.9483



38.8109, 49.9876, 61.2292



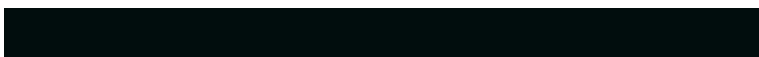
19.2030, 21.1059, 33.6349



6.3745, 7.0225, 7.8955



13.7845, 20.5773, 26.1496



0.2088, 0.3087, 0.4051

Inverse Universe

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



20.4292, 17.1574, 15.0679



34.2995, 27.0438, 21.8164



22.9910, 22.4398, 15.4320



6.2178, 6.2263, 6.5269



10.8864, 5.6088, 0.6609



0.1650, 0.0847, 0.0215

Previews

White Background



This preview shows how the XYZ color 22.5899, 28.1449, 33.9477 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 22.5899, 28.1449, 33.9477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

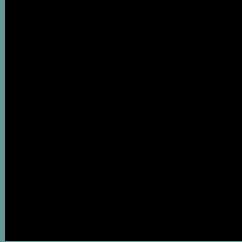
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5899, 28.1449, 33.9477

Background



This preview shows how black text looks on a background with the XYZ color 22.5899, 28.1449, 33.9477.

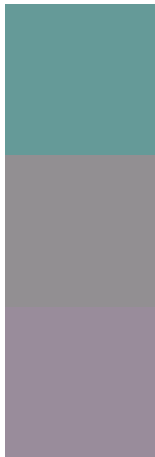


This preview shows how white text looks on a background with the XYZ color 22.5899, 28.1449,

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

22.5899, 28.1449, 33.9477

Protanopia

26.8648, 27.8312, 31.1502

Deuteranopia

28.4313, 27.8950, 34.8961



Tritanopia

23.6380, 28.0799, 39.2961

Trichromacy



Original Color

22.5899, 28.1449, 33.9477

Protanomaly

24.9849, 27.7514, 32.0567

Deuteranomaly

25.7896, 27.6522, 34.5500

Tritanomaly

23.3299, 28.2041, 37.4720

Monochromacy



Original Color

22.5899, 28.1449, 33.9477

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.3886, 26.2897, 29.8283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5899, 28.1449, 33.9477 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(101, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(101, 154, 152)  
}
```

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(101, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 154, 152) }
```

Border

The CSS property to change the border of an element to XYZ 22.5899, 28.1449, 33.9477 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(101, 154, 152) }
```


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

```
.border{ border-color:rgb(101, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(101, 154,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5899, 28.1449, 33.9477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 154, 152) }
```

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

```
.background{ background-color: rgb(101,  
154, 152) }
```

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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