

Converting Colors

XYZ(22.5299, 28.5244, 36.0416)

Have a look what the booklet for
XYZ(22.5299, 28.5244, 36.0416)
contains.

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Color

**XYZ(22.5904, 28.5909,
36.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9C9D
RGB	94, 156, 157
RGB Percent	37%, 61%, 62%
CMY	0.6314, 0.3882, 0.3843
CMYK	0.40, 0.01, 0.00, 0.38
HSL	181°, 25%, 49%
HSV	181°, 40%, 62%
XYZ	22.5904, 28.5909, 36.2263
YIQ	137.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

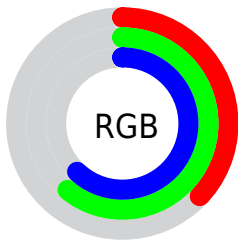
Format	Color
R_{YB}	94, 125, 157
Decimal	6200477
CIE _{Lab}	60.42, -19.67, -6.83
CIE _{LCh}	60, 20.826, 199.141
Yxy	28.5909, 0.2584, 0.3271
Android (android.graphics.Color)	4284390557 (0xFF5E9C9D)
YUV	137.5760, 9.5760, -38.2162
Hunter-Lab	53.4705, -18.1600, -2.7397

Details

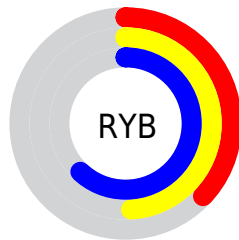
The XYZ color **22.5904, 28.5909, 36.2263** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0178, 16.1612, 12.6548**, and the grayscale version is **23.9717, 25.2201, 27.4647**.

A 20% lighter version of the original color is **47.3907, 57.6379, 70.9148**, and **8.5675, 11.6152, 15.4261** is the 20% darker color. If you saturate the color by 10%, you get **21.0999, 27.7613, 36.1452**, and if you desaturate by 10%, it is **24.4102, 29.5918, 36.3241**.

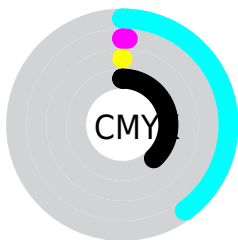
Distribution



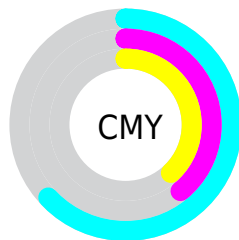
- Red (37%)
- Green (61%)
- Blue (62%)



- Red (37%)
- Yellow (49%)
- Blue (62%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5904, 28.5909, 36.2263 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 22.5904, 28.5909, 36.2263 by changing the saturation by 10% instead.

■ 22.5904, 28.5909,
36.2263

■ 22.5904, 28.5909,
36.2263

258.1890,
295.2798, 345.0159

■ 14.4104, 18.7716,
24.3179

■ 47.1915, 57.4265,
70.5542

■ 8.4902, 11.5053,
15.3553

■ 64.3433, 77.2115,
93.8108

■ 4.4646, 6.4078,
8.9197

■ 85.2164, 101.0872,
121.6872

■ 1.9682, 3.0946,
4.5928

■ 110.1762,
129.4380, 154.6021

■ 0.6160, 1.1813,
1.9558

139.5880,
162.6482, 192.9738

■ 0.0000, 0.0464,
0.5279

173.8171,

■ 0.0000, 0.0000,

201.1024, 237.2210

0.0000

213.2290,
245.1847, 287.7621

■ 22.5904, 28.5909,
36.2263

■ 22.5904, 28.5909,
36.2263

■ 21.0999, 27.7613,
36.1452

■ 24.4102, 29.5918,
36.3241

■ 19.9161, 27.0892,
36.0779

■ 26.5750, 30.7700,
36.4374

■ 19.0177, 26.5644,
36.0239

■ 29.1026, 32.1353,
36.5677

■ 18.3796, 26.1739,
35.9822

■ 32.0089, 33.6960,
36.7158

■ 17.9723, 25.9025,
35.9513

■ 35.3088, 35.4598,
36.8823

■ 17.7263, 25.7151,
35.9281

■ 39.0163, 37.4337,
37.0679

■ 43.1449, 39.6249,
37.2732

■ 47.7073, 42.0399,
37.4989

■ 52.7158, 44.6849,
37.7455

Harmonies

Analogous

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



22.4205, 28.5909, 28.4317



22.5904, 28.5909, 36.2263



23.9403, 28.5909, 43.6834

Triad

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



22.5904, 28.5909, 36.2263



31.2626, 28.5909, 41.8208



28.1574, 28.5909, 18.7671

Complementary

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



22.5904, 28.5909, 36.2263



20.0178, 16.1612, 12.6548

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.



30.6882, 28.5909, 21.2473



22.5904, 28.5909, 36.2263



32.5578, 28.5909, 33.9952

Square

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



22.5904, 28.5909, 36.2263



28.9002, 28.5909, 47.2625



32.3409, 28.5909, 26.5367



25.5194, 28.5909, 19.1637

Rectangle

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



22.5904, 28.5909, 36.2263



25.3805, 28.5909, 47.0629



32.3409, 28.5909, 26.5367



29.0517, 28.5909, 19.2734

Sweetspot

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



22.5912, 28.5920, 36.2270



51.1107, 57.0069, 65.4364



18.6942, 27.3024, 14.8751



11.1255, 12.4787, 14.3926



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.



22.5912, 28.5920, 36.2270



38.0782, 49.8802, 64.7477



18.0997, 19.6090, 34.7298



6.8128, 7.4914, 8.4936



14.3994, 20.8904, 29.1806



0.2600, 0.3786, 0.5226

Inverse Universe

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



23.9088, 17.5746, 33.5857



40.7779, 27.4474, 59.3041



23.3228, 22.7712, 13.7565



6.8996, 6.7528, 8.3225



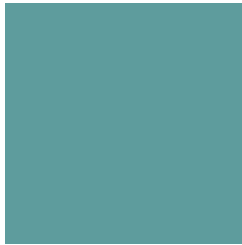
16.0664, 7.7311, 25.6643



0.2886, 0.1387, 0.4657

Previews

White Background



This preview shows how the XYZ color 22.5904, 28.5909, 36.2263 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 22.5904, 28.5909, 36.2263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

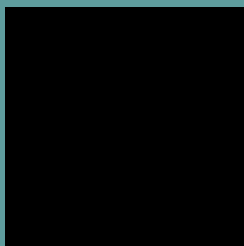
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

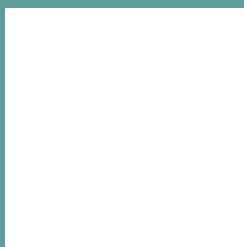
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5904, 28.5909, 36.2263

Background



This preview shows how black text looks on a background with the XYZ color 22.5904, 28.5909, 36.2263.

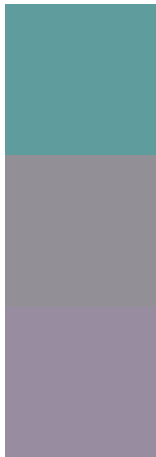


This preview shows how white text looks on a background with the XYZ color 22.5904, 28.5909,

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

22.5904, 28.5909, 36.2263

Protanopia

27.3323, 28.2595, 32.8682

Deuteranopia

28.8189, 28.2632, 37.1941



Tritanopia

23.4604, 28.4426, 40.8127

Trichromacy



Original Color

22.5904, 28.5909, 36.2263

Protanomaly

25.0921, 27.9917, 34.2174

Deuteranomaly

25.8970, 27.8863, 36.8186

Tritanomaly

23.1561, 28.5738, 38.9452

Monochromacy



Original Color

22.5904, 28.5909, 36.2263

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.2623, 26.4327, 30.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5904, 28.5909, 36.2263 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(94, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(94, 156, 157)  
}
```

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(94, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 156, 157) }
```

Border

The CSS property to change the border of an element to XYZ 22.5904, 28.5909, 36.2263 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(94, 156, 157) }
```


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

```
.border{ border-color:rgb(94, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(94, 156,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5904, 28.5909, 36.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 156, 157) }
```

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

```
.background{ background-color: rgb(94, 156,  
157) }
```

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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