

Converting Colors

XYZ(21.8013, 26.9073, 36.0902)

Have a look what the booklet for
XYZ(21.8013, 26.9073, 36.0902)
contains.

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Color

**XYZ(21.7685, 26.9472,
35.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	5E979D
RGB	94, 151, 157
RGB Percent	37%, 59%, 62%
CMY	0.6314, 0.4078, 0.3843
CMYK	0.40, 0.04, 0.00, 0.38
HSL	186°, 25%, 49%
HSV	186°, 40%, 62%
XYZ	21.7685, 26.9472, 35.9523
YIQ	134.6410, -35.8980, -10.2180

Conversions

Conversions Part 2

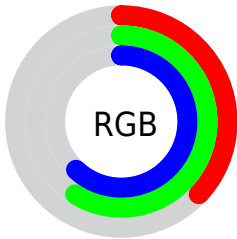
Format	Color
R _Y B	94, 124, 157
Decimal	6199197
CIE Lab	58.93, -17.04, -9.05
CIE LCh	59, 19.296, 207.982
Yxy	26.9472, 0.2571, 0.3183
Android (android.graphics.Color)	4284389277 (0xFF5E979D)
YUV	134.6410, 11.0230, -35.6422
Hunter-Lab	51.9107, -15.9906, -4.7256

Details

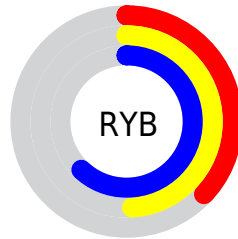
The XYZ color **21.7685, 26.9472, 35.9523** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4826, 17.0910, 12.8097**, and the grayscale version is **22.8669, 24.0578, 26.1989**.

A 20% lighter version of the original color is **45.7476, 54.6192, 70.4188**, and **8.0731, 10.6264, 15.2613** is the 20% darker color. If you saturate the color by 10%, you get **20.0806, 25.7228, 35.8054**, and if you desaturate by 10%, it is **23.7886, 28.3487, 36.1168**.

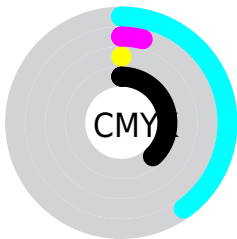
Distribution



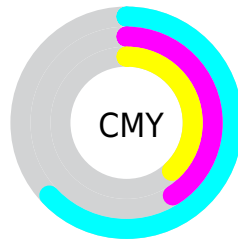
- Red (37%)
- Green (59%)
- Blue (62%)



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



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7685, 26.9472, 35.9523 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 21.7685, 26.9472, 35.9523 by changing the saturation by 10% instead.

■ 21.7685, 26.9472,
35.9523

■ 21.7685, 26.9472,
35.9523

253.9901,
287.4014, 343.7831

■ 13.8025, 17.5336,
24.1080

■ 45.8448, 54.7991,
70.1267

■ 8.0642, 10.6156,
15.2008

■ 62.6858, 74.0062,
93.2937

■ 4.1882, 5.8090,
8.8122

■ 83.2159, 97.2466,
121.0722

■ 1.8092, 2.7293,
4.5238

■ 107.8005,
124.9046, 153.8804

■ 0.5232, 0.9921,
1.9169

136.8048,
157.3647, 192.1371

■ 0.0000, 0.0000,
0.5034

170.5943,

■ 0.0000, 0.0000,

195.0113, 236.2608

0.0000

209.5343,
238.2287, 286.6699

■ 21.7685, 26.9472,
35.9523

■ 21.7685, 26.9472,
35.9523

■ 20.0806, 25.7228,
35.8054

■ 23.7886, 28.3487,
36.1168

■ 18.7024, 24.6619,
35.6733

■ 26.1567, 29.9334,
36.2979

■ 17.6126, 23.7542,
35.5555

■ 28.8906, 31.7114,
36.4970

■ 16.7860, 22.9867,
35.4509

■ 32.0061, 33.6906,
36.7148

■ 16.1931, 22.3441,
35.3581

■ 35.5183, 35.8789,
36.9521

■ 15.7666, 21.7959,
35.2748

■ 39.4410, 38.2835,
37.2094

■ 43.7879, 40.9113,
37.4876

■ 48.5717, 43.7691,
37.7870

■ 53.8046, 46.8630,
38.1084

Harmonies

Analogous

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



21.2930, 26.9472, 28.8804



21.7685, 26.9472, 35.9523



23.2548, 26.9472, 41.9602

Triad

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



21.7685, 26.9472, 35.9523



29.7055, 26.9472, 36.8783



25.7745, 26.9472, 18.0651

Complementary

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



21.7685, 26.9472, 35.9523



20.4826, 17.0910, 12.8097

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.



28.1244, 26.9472, 19.5453



21.7685, 26.9472, 35.9523



30.4799, 26.9472, 29.8063

Square

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



21.7685, 26.9472, 35.9523



27.8275, 26.9472, 42.5506



29.8843, 26.9472, 23.5942



23.5183, 26.9472, 19.1943

Rectangle

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



21.7685, 26.9472, 35.9523



24.6685, 26.9472, 44.1708



29.8843, 26.9472, 23.5942



26.5803, 26.9472, 18.2685

Sweetspot

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



21.7693, 26.9483, 35.9529



50.6529, 56.0914, 65.2838



18.9378, 27.3998, 16.1584



11.0152, 12.2580, 14.3559



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.



21.7693, 26.9483, 35.9529



36.2952, 46.3141, 64.1533



17.4491, 18.3079, 34.5129



6.7678, 7.4014, 8.4786



12.8198, 17.7312, 28.6540



0.2433, 0.3452, 0.5170

Inverse Universe

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



23.4939, 17.4086, 31.4012



39.8779, 27.0874, 54.5648



24.0083, 24.1424, 13.9849



6.8769, 6.7437, 8.2030



15.2691, 7.4122, 21.4657



0.2801, 0.1354, 0.4213

Previews

White Background



This preview shows how the XYZ color 21.7685, 26.9472, 35.9523 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 21.7685, 26.9472, 35.9523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

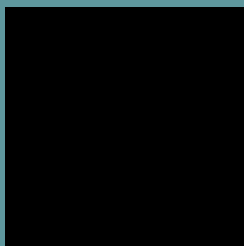
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7685, 26.9472, 35.9523

Background



This preview shows how black text looks on a background with the XYZ color 21.7685, 26.9472, 35.9523.

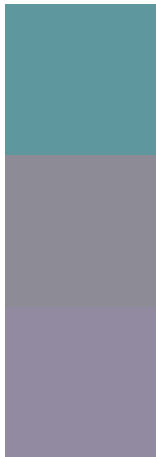


This preview shows how white text looks on a background with the XYZ color 21.7685, 26.9472,

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

21.7685, 26.9472, 35.9523

Protanopia

25.8676, 26.6209, 32.6291

Deuteranopia

27.2877, 26.8260, 36.9974



Tritanopia

22.1472, 26.8542, 38.1985

Trichromacy



Original Color

21.7685, 26.9472, 35.9523

Protanomaly

24.0352, 26.5315, 33.9913

Deuteranomaly

24.8329, 26.6602, 36.6380

Tritanomaly

21.9708, 26.7837, 37.2695

Monochromacy



Original Color

21.7685, 26.9472, 35.9523

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2285, 25.0260, 29.6455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7685, 26.9472, 35.9523 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, 151, 157)` looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 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, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 157) }
```

Border

The CSS property to change the border of an element to XYZ 21.7685, 26.9472, 35.9523 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, 151, 157) }
```


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

```
.border{ border-color:rgb(94, 151, 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, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7685, 26.9472, 35.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 157) }
```

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

```
.background{ background-color: rgb(94, 151,  
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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