

Converting Colors

XYZ(21.5449, 26.2755, 36.5633)

Have a look what the booklet for
XYZ(21.5449, 26.2755, 36.5633)
contains.

XYZ(21.6215, 26.3778, 36.7527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6215, 26.3778,
36.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	5E959F
RGB	94, 149, 159
RGB Percent	37%, 58%, 62%
CMY	0.6314, 0.4157, 0.3765
CMYK	0.41, 0.06, 0.00, 0.38
HSL	189°, 26%, 50%
HSV	189°, 41%, 62%
XYZ	21.6215, 26.3778, 36.7527
YIQ	133.6950, -35.9900, -8.5500

Conversions

Conversions Part 2

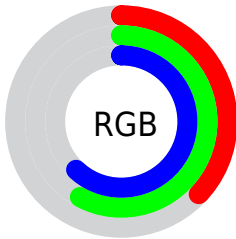
Format	Color
RYB	94, 124, 159
Decimal	6198687
CIELab	58.39, -15.44, -10.99
CIElCh	58, 18.950, 215.440
Yxy	26.3778, 0.2551, 0.3112
Android (android.graphics.Color)	4284388767 (0xFF5E959F)
YUV	133.6950, 12.4754, -34.8125
Hunter-Lab	51.3593, -14.7330, -6.4764

Details

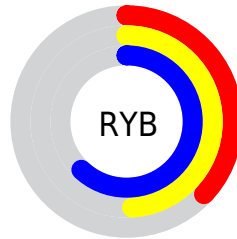
The XYZ color **21.6215, 26.3778, 36.7527** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2691, 18.0799, 12.9590**, and the grayscale version is **22.5139, 23.6864, 25.7945**.

A 20% lighter version of the original color is **45.5262, 53.7700, 71.5975**, and **7.9889, 10.2895, 15.7524** is the 20% darker color. If you saturate the color by 10%, you get **19.7733, 24.8572, 36.5571**, and if you desaturate by 10%, it is **23.8153, 28.0899, 36.9680**.

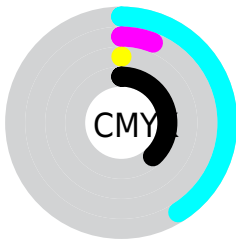
Distribution



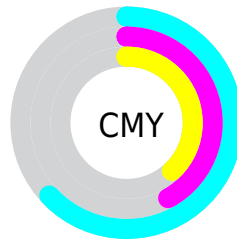
- Red (37%)
- Green (58%)
- Blue (62%)



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



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6215, 26.3778, 36.7527 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 21.6215, 26.3778, 36.7527 by changing the saturation by 10% instead.

■ 21.6215, 26.3778,
36.7527

■ 21.6215, 26.3778,
36.7527

253.2329,
284.6318, 347.3750

■ 13.6941, 17.1065,
24.7218

■ 45.6031, 53.8838,
71.3743

■ 7.9885, 10.3104,
15.6528

■ 62.3881, 72.8873,
94.8022

■ 4.1393, 5.6053,
9.1271

■ 82.8563, 95.9036,
122.8660

■ 1.7813, 2.6066,
4.7262

■ 107.3730,
123.3172, 155.9845

■ 0.5063, 0.9300,
2.0316

136.3037,
155.5124, 194.5761

■ 0.0000, 0.0000,
0.5746

170.0137,

■ 0.0000, 0.0000,

192.8736, 239.0593

0.0000

208.8683,
235.7853, 289.8528

■ 21.6215, 26.3778,
36.7527

■ 21.6215, 26.3778,
36.7527

■ 19.7733, 24.8572,
36.5571

■ 23.8153, 28.0899,
36.9680

■ 18.2475, 23.5142,
36.3783

■ 26.3713, 30.0002,
37.2020

■ 17.0218, 22.3378,
36.2158

■ 29.3080, 32.1190,
37.4562

■ 16.0698, 21.3143,
36.0684

■ 32.6419, 34.4548,
37.7313

■ 15.3607, 20.4278,
35.9347

■ 36.3884, 37.0156,
38.0282

■ 14.8585, 19.7041,
35.8214

■ 40.5622, 39.8092,
38.3474

■ 45.1771, 42.8427,
38.6897

■ 50.2466, 46.1230,
39.0557

■ 55.7832, 49.6568,
39.4459

Harmonies

Analogous

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



20.9016, 26.3778, 29.9447



21.6215, 26.3778, 36.7527



23.2688, 26.3778, 41.9245

Triad

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



21.6215, 26.3778, 36.7527



29.3352, 26.3778, 34.3437



24.6523, 26.3778, 17.8209

Complementary

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



21.6215, 26.3778, 36.7527



21.2691, 18.0799, 12.9590

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.



26.9646, 26.3778, 18.6289



21.6215, 26.3778, 36.7527



29.7616, 26.3778, 27.5310

Square

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



21.6215, 26.3778, 36.7527



27.7380, 26.3778, 40.3907



28.8698, 26.3778, 21.9539



22.5813, 26.3778, 19.5479

Rectangle

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



21.6215, 26.3778, 36.7527



24.7196, 26.3778, 43.3711



28.8698, 26.3778, 21.9539



25.4264, 26.3778, 17.8085

Sweetspot

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



21.6223, 26.3788, 36.7533



51.7372, 56.9873, 67.0163



19.5007, 28.1708, 17.4405



11.5155, 12.7415, 15.0961



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6223, 26.3788, 36.7533



35.7002, 44.7607, 65.5015



17.2068, 17.5478, 35.2815



6.7349, 7.3356, 8.4676



11.7601, 15.6117, 28.3008



0.2316, 0.3218, 0.5131

Inverse Universe

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



23.7262, 17.5468, 30.5713



40.0949, 27.1341, 52.4040



25.1583, 25.8584, 14.2554



6.8603, 6.7370, 8.1154



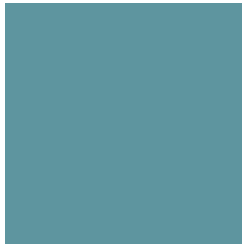
14.7341, 7.1982, 18.6488



0.2742, 0.1330, 0.3902

Previews

White Background



This preview shows how the XYZ color 21.6215, 26.3778, 36.7527 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 21.6215, 26.3778, 36.7527 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

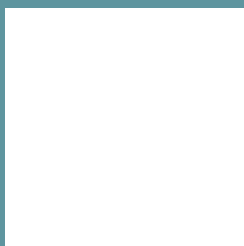
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6215, 26.3778, 36.7527

Background



This preview shows how black text looks on a background with the XYZ color 21.6215, 26.3778, 36.7527.



This preview shows how white text looks on a background with the XYZ color 21.6215, 26.3778,

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

21.6215, 26.3778, 36.7527

Protanopia

25.6298, 26.2541, 33.8537

Deuteranopia

26.6534, 26.0566, 37.8071



Tritanopia

21.7966, 26.4478, 37.6743

Trichromacy



Original Color

21.6215, 26.3778, 36.7527

Protanomaly

23.9072, 26.2224, 34.8117

Deuteranomaly

24.4153, 25.9829, 37.4466

Tritanomaly

21.7087, 26.4126, 37.2117

Monochromacy



Original Color

21.6215, 26.3778, 36.7527

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7983, 24.3703, 29.5417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6215, 26.3778, 36.7527 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, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(94, 149, 159)  
}
```

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, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 149, 159) }
```

Border

The CSS property to change the border of an element to XYZ 21.6215, 26.3778, 36.7527 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, 149, 159) }
```


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

```
.border{ border-color:rgb(94, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(94, 149,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6215, 26.3778, 36.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 149, 159) }
```

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

```
.background{ background-color: rgb(94, 149,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor