

Converting Colors

XYZ(21.7361, 27.5854, 39.3009)

Have a look what the booklet for
XYZ(21.7361, 27.5854, 39.3009)
contains.

XYZ(21.7361, 27.5854, 39.3009)	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(21.7361, 27.5854,
39.3009)**

Conversions

Conversions Part 1

Format	Color
Hex	529AA4
RGB	82, 154, 164
RGB Percent	32%, 60%, 64%
CMY	0.6784, 0.3961, 0.3569
CMYK	0.50, 0.06, 0.00, 0.36
HSL	187°, 33%, 48%
HSV	187°, 50%, 64%
XYZ	21.7361, 27.5854, 39.3009
YIQ	133.6120, -46.1220, -12.1540

Conversions

Conversions Part 2

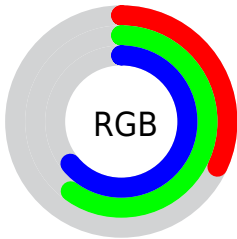
Format	Color
R_{YB}	82, 120, 164
Decimal	5413540
CIE _{Lab}	59.51, -19.72, -12.21
CIE _{LCh}	60, 23.193, 211.756
Yxy	27.5854, 0.2453, 0.3113
Android (android.graphics.Color)	4283603620 (0xFF529AA4)
YUV	133.6120, 14.9813, -45.2637
Hunter-Lab	52.5218, -18.0411, -7.6001

Details

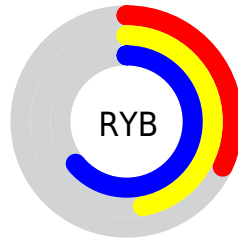
The XYZ color **21.7361, 27.5854, 39.3009** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6605, 16.1565, 10.0129**, and the grayscale version is **22.4774, 23.6480, 25.7527**.

A 20% lighter version of the original color is **45.9032, 56.0338, 75.4141**, and **8.0634, 11.0191, 17.0311** is the 20% darker color. If you saturate the color by 10%, you get **20.1498, 26.2823, 39.1335**, and if you desaturate by 10%, it is **23.6705, 29.0773, 39.4874**.

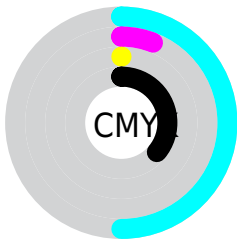
Distribution



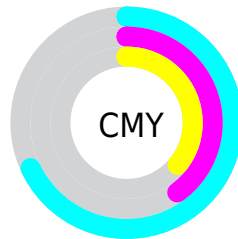
- Red (32%)
- Green (60%)
- Blue (64%)



- Red (32%)
- Yellow (47%)
- Blue (64%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7361, 27.5854, 39.3009 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 21.7361, 27.5854, 39.3009 by changing the saturation by 10% instead.

■ 21.7361, 27.5854,
39.3009

■ 21.7361, 27.5854,
39.3009

253.8234,
290.4805, 358.6322

■ 13.7786, 18.0134,
26.6843

■ 45.7915, 55.8218,
75.3232

■ 8.0475, 10.9596,
17.1059

■ 62.6202, 75.2550,
99.5659

■ 4.1774, 6.0397,
10.1473

■ 83.1367, 98.7440,
128.5210

■ 1.8030, 2.8692,
5.3898

■ 107.7063,
126.6733, 162.6071

■ 0.5195, 1.0638,
2.4150

■ 136.6945,
159.4271, 202.2428

■ 0.0000, 0.0000,
0.7946

170.4664,

■ 0.0000, 0.0000,

197.3900, 247.8465

0.0000

209.3876,
240.9463, 299.8368

■ 21.7361, 27.5854,
39.3009

■ 21.7361, 27.5854,
39.3009

■ 20.1498, 26.2823,
39.1335

■ 23.6705, 29.0773,
39.4874

■ 18.8842, 25.1521,
38.9820

■ 25.9726, 30.7664,
39.6921

■ 17.9123, 24.1814,
38.8459

■ 28.6637, 32.6642,
39.9166

■ 17.2010, 23.3530,
38.7235

■ 31.7627, 34.7806,
40.1618

■ 16.6748, 22.6281,
38.6113

■ 35.2873, 37.1247,
40.4284

■ 16.6748, 22.6280,
38.6113

■ 39.2539, 39.7051,
40.7174

■ 43.6784, 42.5299,
41.0295

■ 48.5756, 45.6068,
41.3653

■ 53.9598, 48.9432,
41.7255

Harmonies

Analogous

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



21.0063, 27.5854, 30.5303



21.7361, 27.5854, 39.3009



23.6551, 27.5854, 46.5122

Triad

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



21.7361, 27.5854, 39.3009



31.4732, 27.5854, 38.2907



26.0478, 27.5854, 16.6785

Complementary

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



21.7361, 27.5854, 39.3009



20.6605, 16.1565, 10.0129

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.



28.9620, 27.5854, 17.9979



21.7361, 27.5854, 39.3009



32.2300, 27.5854, 29.5467

Square

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



21.7361, 27.5854, 39.3009



29.2810, 27.5854, 45.8571



31.2796, 27.5854, 22.3549



23.3785, 27.5854, 18.3497

Rectangle

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



21.7361, 27.5854, 39.3009



25.4235, 27.5854, 48.8876



31.2796, 27.5854, 22.3549



27.0311, 27.5854, 16.7857

Sweetspot

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



21.7369, 27.5865, 39.3016



54.5874, 61.0515, 72.6594



18.6686, 29.1105, 14.6618



11.6929, 13.1818, 15.8656



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.7369, 27.5865, 39.3016



36.2867, 47.4589, 71.0003



16.1348, 16.3821, 37.4342



7.2021, 7.8632, 9.0412



12.8084, 17.3963, 29.6125



0.2884, 0.4042, 0.6287

Inverse Universe

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



24.1606, 16.2609, 32.4383



41.3464, 25.0325, 56.3991



25.1618, 25.1590, 11.5133



7.3270, 7.1872, 8.7083



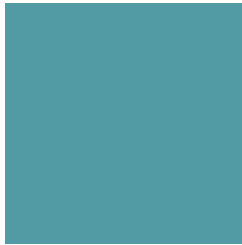
15.6106, 7.6003, 20.9377



0.3378, 0.1636, 0.4913

Previews

White Background



This preview shows how the XYZ color 21.7361, 27.5854, 39.3009 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 21.7361, 27.5854, 39.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

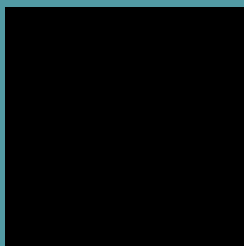
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

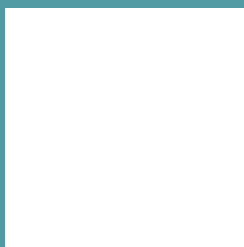
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7361, 27.5854, 39.3009

Background



This preview shows how black text looks on a background with the XYZ color 21.7361, 27.5854, 39.3009.

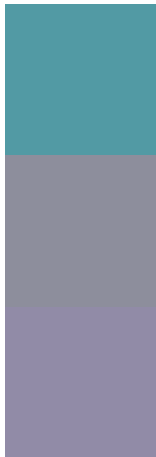


This preview shows how white text looks on a background with the XYZ color 21.7361, 27.5854,

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

21.7361, 27.5854, 39.3009

Protanopia

26.6583, 27.4090, 35.3379

Deuteranopia

27.8847, 27.2750, 40.3541



Tritanopia

22.0058, 27.7034, 40.2639

Trichromacy



Original Color

21.7361, 27.5854, 39.3009

Protanomaly

24.2826, 27.0540, 36.7430

Deuteranomaly

24.8822, 26.8373, 39.9451

Tritanomaly

21.9144, 27.6668, 39.7825

Monochromacy



Original Color

21.7361, 27.5854, 39.3009

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7059, 24.7389, 30.4191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7361, 27.5854, 39.3009 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(82, 154, 164)` looks like.

```
.text, #text, p{  
    color:rgb(82, 154, 164)  
}
```

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(82, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 154, 164) }
```

Border

The CSS property to change the border of an element to XYZ 21.7361, 27.5854, 39.3009 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(82, 154, 164) }
```


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

```
.border{ border-color:rgb(82, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(82, 154,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7361, 27.5854, 39.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 154, 164) }
```

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

```
.background{ background-color: rgb(82, 154,  
164) }
```

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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