

Converting Colors

XYZ(21.3429, 29.5850, 43.6153)

Have a look what the booklet for
XYZ(21.3429, 29.5850, 43.6153)
contains.

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Color

**XYZ(21.3429, 29.5850,
43.6153)**

Conversions

Conversions Part 1

Format	Color
Hex	26A3AC
RGB	38, 163, 172
RGB Percent	15%, 64%, 67%
CMY	0.8509, 0.3608, 0.3255
CMYK	0.78, 0.05, 0.00, 0.33
HSL	184°, 64%, 41%
HSV	184°, 78%, 67%
XYZ	21.3429, 29.5850, 43.6153
YIQ	126.6510, -77.3890, -23.7010

Conversions

Conversions Part 2

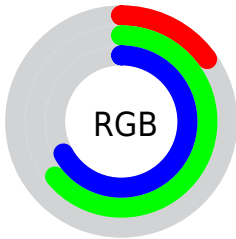
Format	Color
R_{YB}	38, 103, 172
Decimal	2532268
CIE _{Lab}	61.29, -29.26, -14.16
CIE _{LCh}	61, 32.507, 205.833
Yxy	29.5850, 0.2257, 0.3129
Android (android.graphics.Color)	4280722348 (0xFF26A3AC)
YUV	126.6510, 22.3571, -77.7469
Hunter-Lab	54.3921, -25.1446, -9.4683

Details

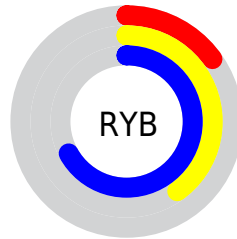
The XYZ color **21.3429, 29.5850, 43.6153** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.3804, 10.9445, 2.9783**, and the grayscale version is **19.9995, 21.0410, 22.9136**.

A 20% lighter version of the original color is **44.9999, 58.8147, 81.6537**, and **9.0746, 12.7249, 19.7472** is the 20% darker color. If you saturate the color by 10%, you get **20.6452, 28.9228, 43.5248**, and if you desaturate by 10%, it is **22.3373, 30.4041, 43.7215**.

Distribution



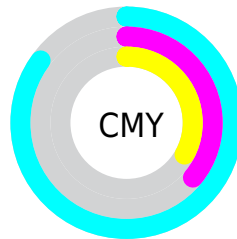
- Red (15%)
- Green (64%)
- Blue (67%)



- Red (15%)
- Yellow (40%)
- Blue (67%)



- Cyan (78%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3429, 29.5850, 43.6153 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 21.3429, 29.5850, 43.6153 by changing the saturation by 10% instead.

■ 21.3429, 29.5850,
43.6153

■ 21.3429, 29.5850,
43.6153

251.7926,
299.9652, 377.1314

■ 13.4888, 19.5238,
30.0332

■ 45.1445, 59.0053,
81.9348

■ 7.8453, 12.0494,
19.6115

■ 61.8227, 79.1331,
107.5094

■ 4.0471, 6.7773,
11.9317

■ 82.1730, 103.3853,
137.9185

■ 1.7288, 3.3232,
6.5752

■ 106.5606,
132.1462, 173.5807

■ 0.4742, 1.3027,
3.1235

■ 135.3511,
165.8003, 214.9146

■ 0.0000, 0.1433,
1.1580

168.9096,

■ 0.0000, 0.0000,

204.7319, 262.3386

0.0000

207.6017,
249.3254, 316.2714

■ 21.3429, 29.5850,
43.6153

■ 21.3429, 29.5850,
43.6153

■ 20.6452, 28.9228,
43.5248

■ 22.3373, 30.4041,
43.7215

■ 20.1828, 28.3841,
43.4452

■ 23.6613, 31.3953,
43.8431

■ 20.0954, 28.2764,
43.4290

■ 25.3466, 32.5756,
43.9821

■ 27.4203, 33.9589,
44.1398

■ 29.9070, 35.5579,
44.3174

■ 32.8291, 37.3842,
44.5159

■ 36.2076, 39.4487,
44.7363

■ 40.0621, 41.7613,
44.9795

■ 44.4108, 44.3315,
45.2464

Harmonies

Analogous

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



20.6835, 29.5850, 30.5304



21.3429, 29.5850, 43.6153



23.7459, 29.5850, 55.9183

Triad

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



21.3429, 29.5850, 43.6153



35.4945, 29.5850, 47.3477



28.7220, 29.5850, 13.9585

Complementary

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



21.3429, 29.5850, 43.6153



18.3804, 10.9445, 2.9783

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.



33.0000, 29.5850, 16.3806



21.3429, 29.5850, 43.6153



37.1535, 29.5850, 33.9563

Square

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



21.3429, 29.5850, 43.6153



31.8609, 29.5850, 58.4288



36.1976, 29.5850, 22.9944



24.6834, 29.5850, 15.3134

Rectangle

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



21.3429, 29.5850, 43.6153



26.1529, 29.5850, 60.9002



36.1976, 29.5850, 22.9944



30.1826, 29.5850, 14.3368

Sweetspot

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



21.3438, 29.5861, 43.6160



56.5346, 65.9416, 80.5541



16.0644, 30.1225, 7.6508



11.8963, 14.0854, 17.4794



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.3438, 29.5861, 43.6160



36.8592, 51.7944, 78.8604



12.4357, 11.7699, 40.6467



8.1896, 8.9786, 10.2541



14.9701, 21.0740, 32.3232



0.4299, 0.6131, 0.9037

Inverse Universe

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



24.3180, 12.8021, 35.8408



42.7264, 20.9456, 63.0152



23.3739, 20.9315, 4.6428



8.3135, 8.1387, 9.9617



17.4198, 8.4305, 25.6540



0.4914, 0.2372, 0.7494

Previews

White Background



This preview shows how the XYZ color 21.3429, 29.5850, 43.6153 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 21.3429, 29.5850, 43.6153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

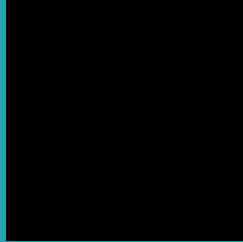
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3429, 29.5850, 43.6153

Background



This preview shows how black text looks on a background with the XYZ color 21.3429, 29.5850, 43.6153.

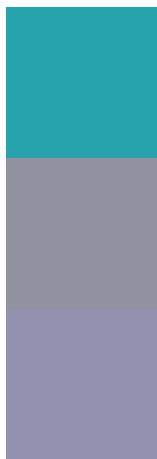


This preview shows how white text looks on a background with the XYZ color 21.3429, 29.5850,

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

21.3429, 29.5850, 43.6153

Protanopia

28.3890, 29.1507, 37.8486

Deuteranopia

29.8424, 29.2842, 45.1538



Tritanopia

21.6713, 29.4467, 45.6159

Trichromacy



Original Color

21.3429, 29.5850, 43.6153

Protanomaly

23.9636, 28.2373, 39.7846

Deuteranomaly

24.8679, 28.3542, 44.7197

Tritanomaly

21.5333, 29.3869, 45.0948

Monochromacy



Original Color

21.3429, 29.5850, 43.6153

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.0553, 23.1722, 29.4550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3429, 29.5850, 43.6153 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(38, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(38, 163, 172)  
}
```

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(38, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 163, 172) }
```

Border

The CSS property to change the border of an element to XYZ 21.3429, 29.5850, 43.6153 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(38, 163, 172) }
```


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

```
.border{ border-color:rgb(38, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(38, 163,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3429, 29.5850, 43.6153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 163, 172) }
```

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

```
.background{ background-color: rgb(38, 163,  
172) }
```

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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