

Converting Colors

XYZ(14.8965, 19.3556, 28.9375)

Have a look what the booklet for
XYZ(14.8965, 19.3556, 28.9375)
contains.

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Color

**XYZ(14.8965, 19.3556,
28.9375)**

Conversions

Conversions Part 1

Format	Color
Hex	39848F
RGB	57, 132, 143
RGB Percent	22%, 52%, 56%
CMY	0.7765, 0.4823, 0.4392
CMYK	0.60, 0.08, 0.00, 0.44
HSL	188°, 43%, 39%
HSV	188°, 60%, 56%
XYZ	14.8965, 19.3556, 28.9375
YIQ	110.8290, -48.2310, -12.4790

Conversions

Conversions Part 2

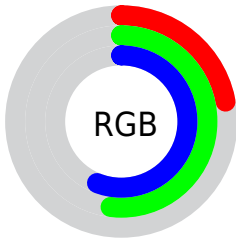
Format	Color
R_{YB}	57, 97, 143
Decimal	3769487
CIE _{Lab}	51.10, -19.65, -12.90
CIE _{LCh}	51, 23.503, 213.279
Yxy	19.3556, 0.2357, 0.3063
Android (android.graphics.Color)	4281959567 (0xFF39848F)
YUV	110.8290, 15.8603, -47.2080
Hunter-Lab	43.9950, -16.5520, -8.2012

Details

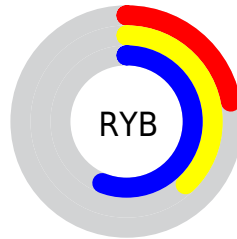
The XYZ color **14.8965, 19.3556, 28.9375** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.1337, 10.2696, 5.1086**, and the grayscale version is **15.0260, 15.8085, 17.2154**.

A 20% lighter version of the original color is **34.2371, 42.2399, 59.1719**, and **4.9931, 6.8249, 11.4101** is the 20% darker color. If you saturate the color by 10%, you get **13.9476, 18.5019, 28.8231**, and if you desaturate by 10%, it is **16.0806, 20.3379, 29.0650**.

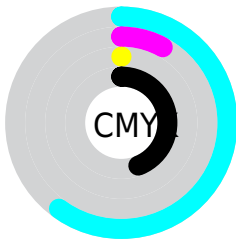
Distribution



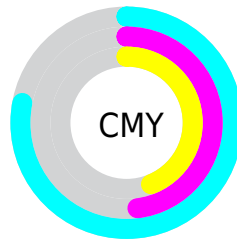
- Red (22%)
- Green (52%)
- Blue (56%)



- Red (22%)
- Yellow (38%)
- Blue (56%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8965, 19.3556, 28.9375 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 14.8965, 19.3556, 28.9375 by changing the saturation by 10% instead.

■ 14.8965, 19.3556,
28.9375

■ 14.8965, 19.3556,
28.9375

216.1397,
248.4049, 310.9717

■ 8.8326, 11.9275,
18.7884

■ 34.2447, 42.3341,
59.0188

■ 4.6884, 6.6943,
11.3422

■ 48.2596, 58.6533,
79.7880

■ 2.0985, 3.2717,
6.1804

■ 65.6557, 78.7051,
104.9343

■ 0.6884, 1.2752,
2.8845

■ 86.7982, 102.8737,
134.8763

■ 0.0000, 0.1219,
1.0360

■ 112.0525,
131.5436, 170.0325

■ 0.0000, 0.0000,
0.0000

141.7840,

165.0991, 210.8214

176.3579,
203.9248, 257.6616

■ 14.8965, 19.3556,
28.9375

■ 14.8965, 19.3556,
28.9375

■ 13.9476, 18.5019,
28.8231

■ 16.0806, 20.3379,
29.0650

■ 13.2122, 17.7642,
28.7195

■ 17.5157, 21.4556,
29.2051

■ 12.6677, 17.1313,
28.6260

■ 19.2182, 22.7177,
29.3590

■ 12.2552, 16.5776,
28.5409

■ 21.2026, 24.1317,
29.5274

■ 23.4825, 25.7046,
29.7108

■ 26.0705, 27.4429,
29.9099

■ 28.9784, 29.3529,
30.1253

■ 32.2175, 31.4402,
30.3575

■ 35.7984, 33.7104,
30.6070

Harmonies

Analogous

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



14.2729, 19.3556, 21.8181



14.8965, 19.3556, 28.9375



16.4531, 19.3556, 34.7551

Triad

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



14.8965, 19.3556, 28.9375



22.7006, 19.3556, 27.3940



18.1416, 19.3556, 10.6767

Complementary

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



14.8965, 19.3556, 28.9375



14.1337, 10.2696, 5.1086

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.



20.4881, 19.3556, 11.5583



14.8965, 19.3556, 28.9375



23.2475, 19.3556, 20.3489

Square

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



14.8965, 19.3556, 28.9375



20.9691, 19.3556, 33.7398



22.4068, 19.3556, 14.7837



16.0441, 19.3556, 12.0575

Rectangle

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



14.8965, 19.3556, 28.9375



17.8770, 19.3556, 36.5775



22.4068, 19.3556, 14.7837



18.9268, 19.3556, 10.7195

Sweetspot

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



14.8971, 19.3563, 28.9380



38.6487, 43.6897, 52.9340



12.5243, 20.9208, 8.6939



8.6297, 9.8558, 12.1197



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.8971, 19.3563, 28.9380



24.4909, 32.6641, 51.5520



10.2990, 10.1602, 27.4053



5.5023, 6.0003, 6.8969



10.8463, 14.6787, 25.2387



0.1143, 0.1616, 0.2448

Inverse Universe

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



16.9562, 10.4323, 22.9506



28.6819, 15.7897, 39.0764



17.6462, 17.2946, 6.2794



5.5970, 5.4993, 6.6417



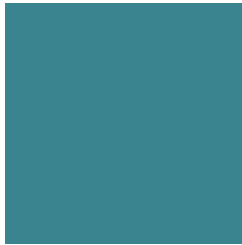
13.2778, 6.4682, 17.6463



0.1323, 0.0640, 0.1970

Previews

White Background



This preview shows how the XYZ color 14.8965, 19.3556, 28.9375 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 14.8965, 19.3556, 28.9375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

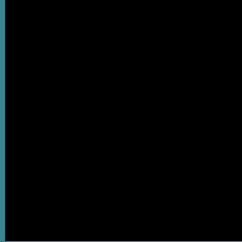
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8965, 19.3556, 28.9375

Background



This preview shows how black text looks on a background with the XYZ color 14.8965, 19.3556, 28.9375.

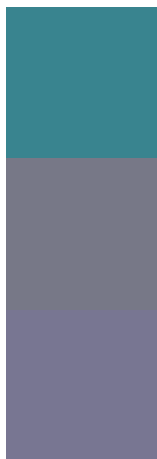


This preview shows how white text looks on a background with the XYZ color 14.8965, 19.3556,

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

14.8965, 19.3556, 28.9375

Protanopia

18.6974, 19.1041, 25.6237

Deuteranopia

19.4125, 19.0253, 29.8432



Tritanopia

14.8965, 19.3556, 28.9375

Trichromacy



Original Color

14.8965, 19.3556, 28.9375

Protanomaly

16.6190, 18.7371, 26.7855

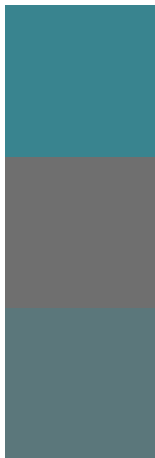
Deuteranomaly

17.1236, 18.7516, 29.5050

Tritanomaly

14.8965, 19.3556, 28.9375

Monochromacy



Original Color

14.8965, 19.3556, 28.9375

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4864, 16.8479, 21.2273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8965, 19.3556, 28.9375 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(57, 132, 143)` looks like.

```
.text, #text, p{  
    color:rgb(57, 132, 143)  
}
```

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(57, 132, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 132, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.8965, 19.3556, 28.9375 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(57, 132, 143) }
```


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

```
.border{ border-color:rgb(57, 132, 143) }
```

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

Here you see how a box with a 4 pixel rgb(57, 132, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 132, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 132, 143);  
box-shadow:4px 4px 4px 4px rgb(57, 132,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8965, 19.3556, 28.9375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 132, 143) }
```

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

```
.background{ background-color: rgb(57, 132,  
143) }
```

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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