

Converting Colors

XYZ(17.4828, 21.1998, 43.2149)

Have a look what the booklet for
XYZ(17.4828, 21.1998, 43.2149)
contains.

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Color

**XYZ(17.4828, 21.1998,
43.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	2C88AE
RGB	44, 136, 174
RGB Percent	17%, 53%, 68%
CMY	0.8274, 0.4667, 0.3176
CMYK	0.75, 0.22, 0.00, 0.32
HSL	198°, 60%, 43%
HSV	198°, 75%, 68%
XYZ	17.4828, 21.1998, 43.2149
YIQ	112.8240, -67.0300, -7.6860

Conversions

Conversions Part 2

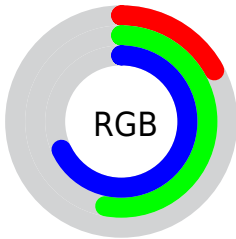
Format	Color
RYB	44, 98, 174
Decimal	2918574
CIELab	53.17, -13.78, -27.72
CIELCh	53, 30.960, 243.570
Yxy	21.1998, 0.2135, 0.2589
Android (android.graphics.Color)	4281108654 (0xFF2C88AE)
YUV	112.8240, 30.1598, -60.3586
Hunter-Lab	46.0432, -12.7985, -23.4177

Details

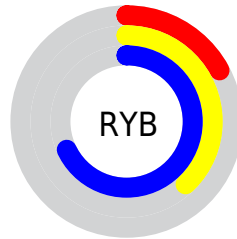
The XYZ color **17.4828, 21.1998, 43.2149** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **20.9283, 15.2162, 4.2176**, and the grayscale version is **15.5726, 16.3836, 17.8417**.

A 20% lighter version of the original color is **38.6649, 45.2965, 81.5682**, and **6.7790, 8.0361, 19.2830** is the 20% darker color. If you saturate the color by 10%, you get **16.1867, 19.4937, 42.9543**, and if you desaturate by 10%, it is **19.1276, 23.1369, 43.5025**.

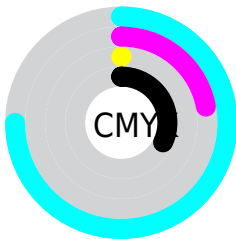
Distribution



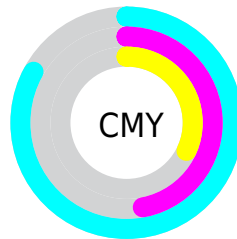
- Red (17%)
- Green (53%)
- Blue (68%)



- Red (17%)
- Yellow (38%)
- Blue (68%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (83%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4828, 21.1998, 43.2149 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 17.4828, 21.1998, 43.2149 by changing the saturation by 10% instead.

■ 17.4828, 21.1998,
43.2149

■ 17.4828, 21.1998,
43.2149

231.0419,
258.3384, 375.4419

■ 10.6767, 13.2701,
29.7211

■ 38.6911, 45.4198,
81.3249

■ 5.9156, 7.6148,
19.3767

■ 53.8240, 62.4790,
106.7782

■ 2.8340, 3.8495,
11.7633

■ 72.4632, 83.3500,
137.0550

■ 1.0666, 1.5897,
6.4621

■ 94.9742, 108.4175,
172.5740

■ 0.0000, 0.3507,
3.0548

■ 121.7221,
138.0656, 213.7537

■ 0.0000, 0.0000,
1.1227

153.0725,

■ 0.0000, 0.0000,

172.6789, 261.0125

0.0000

189.3906,
212.6417, 314.7691

■ 17.4828, 21.1998,
43.2149

■ 17.4828, 21.1998,
43.2149

■ 16.1867, 19.4937,
42.9543

■ 19.1276, 23.1369,
43.5025

■ 15.1944, 17.9936,
42.7171

■ 21.1544, 25.3217,
43.8174

■ 14.7401, 17.2562,
42.5987

■ 23.5945, 27.7714,
44.1616

■ 26.4754, 30.5008,
44.5366

■ 29.8221, 33.5234,
44.9437

■ 33.6576, 36.8518,
45.3840

■ 38.0034, 40.4976,
45.8586

■ 42.8795, 44.4717,
46.3687

■ 48.3049, 48.7846,
46.9152

Harmonies

Analogous

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



15.3588, 21.1998, 34.5195



17.4828, 21.1998, 43.2149



20.5432, 21.1998, 46.0773

Triad

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



17.4828, 21.1998, 43.2149



27.0869, 21.1998, 21.9815



16.8741, 21.1998, 11.1100

Complementary

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



17.4828, 21.1998, 43.2149



20.9283, 15.2162, 4.2176

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.



19.7614, 21.1998, 9.3874



17.4828, 21.1998, 43.2149



25.8459, 21.1998, 14.5007

Square

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



17.4828, 21.1998, 43.2149



26.3101, 21.1998, 32.0455



23.0751, 21.1998, 10.4366



15.0350, 21.1998, 15.9699

Rectangle

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



17.4828, 21.1998, 43.2149



22.7656, 21.1998, 43.7935



23.0751, 21.1998, 10.4366



17.7424, 21.1998, 10.2148

Sweetspot

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



17.4835, 21.2005, 43.2154



55.6268, 62.1576, 81.7026



17.6544, 31.3997, 12.8832



11.9757, 13.4734, 18.1138



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



17.4835, 21.2005, 43.2154



28.0680, 33.4486, 77.6138



11.0076, 8.2488, 41.0568



8.0356, 8.6706, 10.2028



10.7441, 12.6220, 30.9145



0.3430, 0.4394, 0.8747

Inverse Universe

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



22.8008, 12.5783, 24.5194



38.9607, 19.7225, 38.4307



28.1641, 29.6878, 6.6295



8.2358, 8.1076, 9.5524



15.2868, 7.5772, 14.4214



0.4475, 0.2197, 0.5185

Previews

White Background



This preview shows how the XYZ color 17.4828, 21.1998, 43.2149 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 17.4828, 21.1998, 43.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

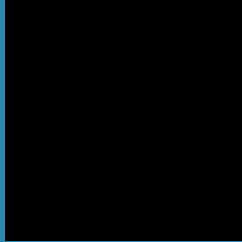
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4828, 21.1998, 43.2149

Background



This preview shows how black text looks on a background with the XYZ color 17.4828, 21.1998, 43.2149.

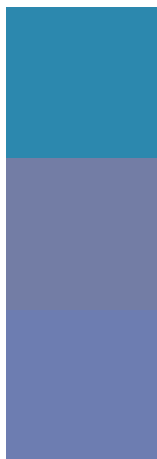


This preview shows how white text looks on a background with the XYZ color 17.4828, 21.1998,

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

17.4828, 21.1998, 43.2149

Protanopia

21.1954, 21.0287, 38.5391

Deuteranopia

21.5761, 21.0928, 44.5291



Tritanopia

15.2949, 21.1611, 32.5565

Trichromacy



Original Color

17.4828, 21.1998, 43.2149

Protanomaly

19.0380, 20.6515, 40.0285

Deuteranomaly

19.4330, 20.7664, 44.0584

Tritanomaly

16.0260, 21.2445, 36.0568

Monochromacy



Original Color

17.4828, 21.1998, 43.2149

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2350, 17.4987, 25.4963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4828, 21.1998, 43.2149 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(44, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(44, 136, 174)  
}
```

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(44, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 136, 174) }
```

Border

The CSS property to change the border of an element to XYZ 17.4828, 21.1998, 43.2149 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(44, 136, 174) }
```


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

```
.border{ border-color:rgb(44, 136, 174) }
```

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

Here you see how a box with a 4 pixel rgb(44, 136, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(44, 136,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4828, 21.1998, 43.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 136, 174) }
```

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

```
.background{ background-color: rgb(44, 136,  
174) }
```

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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