

Converting Colors

XYZ(15.0498, 21.4243, 28.6369)

Have a look what the booklet for
XYZ(15.0498, 21.4243, 28.6369)
contains.

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Color

**XYZ(14.9598, 21.2962,
28.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	218D8D
RGB	33, 141, 141
RGB Percent	13%, 55%, 55%
CMY	0.8706, 0.4470, 0.4471
CMYK	0.77, 0.00, 0.00, 0.45
HSL	180°, 62%, 34%
HSV	180°, 77%, 55%
XYZ	14.9598, 21.2962, 28.5214
YIQ	108.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

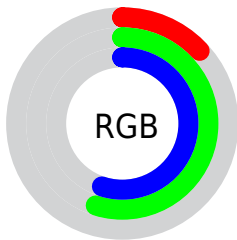
Format	Color
R_{YB}	33, 87, 141
Decimal	2198925
CIE _{Lab}	53.27, -28.63, -8.53
CIE _{LCh}	53, 29.872, 196.598
Yxy	21.2962, 0.2309, 0.3288
Android (android.graphics.Color)	4280389005 (0xFF218D8D)
YUV	108.7080, 15.9200, -66.3959
Hunter-Lab	46.1478, -22.8941, -4.3404

Details

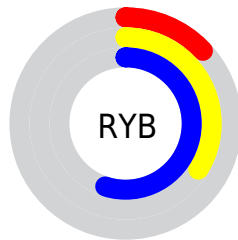
The XYZ color **14.9598, 21.2962, 28.5214** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.8036, 6.8609, 2.1417**, and the grayscale version is **14.4235, 15.1747, 16.5252**.

A 20% lighter version of the original color is **34.4024, 45.5670, 58.6119**, and **5.5445, 8.0677, 11.1625** is the 20% darker color. If you saturate the color by 10%, you get **14.5997, 21.1111, 28.5050**, and if you desaturate by 10%, it is **15.5103, 21.5804, 28.5477**.

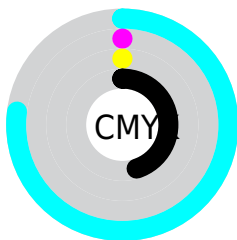
Distribution



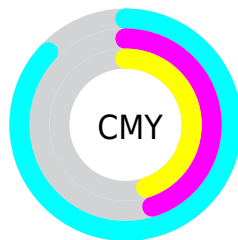
- Red (13%)
- Green (55%)
- Blue (55%)



- Red (13%)
- Yellow (34%)
- Blue (55%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9598, 21.2962, 28.5214 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 14.9598, 21.2962, 28.5214 by changing the saturation by 10% instead.

■ 14.9598, 21.2962,
28.5214

■ 14.9598, 21.2962,
28.5214

■ 216.5160,
258.8485, 308.9400

■ 8.8773, 13.3407,
18.4766

■ 34.3549, 45.5800,
58.3489

■ 4.7177, 7.6636,
11.1197

■ 48.3982, 62.6770,
78.9687

■ 2.1156, 3.8804,
6.0322

■ 65.8258, 83.5900,
103.9506

■ 0.6977, 1.6069,
2.7956

■ 87.0031, 108.7034,
133.7130

■ 0.0000, 0.3622,
0.9912

■ 112.2954,
138.4016, 168.6747

■ 0.0000, 0.0000,
0.0000

■ 142.0680,

173.0689, 209.2540

176.6865,
213.0897, 255.8696

■ 14.9598, 21.2962,
28.5214

■ 14.9598, 21.2962,
28.5214

■ 14.5997, 21.1111,
28.5050

■ 15.5103, 21.5804,
28.5477

■ 14.3931, 21.0046,
28.4952

■ 16.2703, 21.9723,
28.5833

■ 14.3330, 20.9735,
28.4924

■ 17.2589, 22.4819,
28.6297

■ 18.4922, 23.1177,
28.6875

■ 19.9851, 23.8873,
28.7574

■ 21.7513, 24.7978,
28.8401

■ 23.8034, 25.8557,
28.9362

■ 26.1533, 27.0671,
29.0463

■ 28.8123, 28.4379,
29.1708

Harmonies

Analogous

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



14.8882, 21.2962, 19.3845



14.9598, 21.2962, 28.5214



16.3475, 21.2962, 38.2650

Triad

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



14.9598, 21.2962, 28.5214



24.9838, 21.2962, 37.3149



21.6824, 21.2962, 10.0470

Complementary

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



14.9598, 21.2962, 28.5214



11.8036, 6.8609, 2.1417

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.



24.7092, 21.2962, 12.7050



14.9598, 21.2962, 28.5214



26.7448, 21.2962, 27.4590

Square

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



14.9598, 21.2962, 28.5214



22.0268, 21.2962, 44.1773



26.6394, 21.2962, 18.5646



18.5552, 21.2962, 10.1915

Rectangle

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



14.9598, 21.2962, 28.5214



17.9231, 21.2962, 43.1007



26.6394, 21.2962, 18.5646



22.7515, 21.2962, 10.6053

Sweetspot

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



14.9604, 21.2970, 28.5219



36.7152, 43.2543, 51.5414



10.4865, 19.5142, 4.6533



7.9861, 9.5505, 11.5019



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.9604, 21.2970, 28.5219



25.8591, 37.6578, 51.0325



8.9915, 9.3589, 26.5327



5.5603, 6.1163, 6.9163



13.0685, 19.1233, 25.9788



0.1249, 0.1828, 0.2484

Inverse Universe

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



11.8036, 6.8609, 2.1417



19.9220, 10.5075, 1.4186



14.5242, 12.3021, 3.0484



5.4089, 5.4241, 5.6513



10.0158, 5.1634, 0.4688



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 14.9598, 21.2962, 28.5214 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 14.9598, 21.2962, 28.5214 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

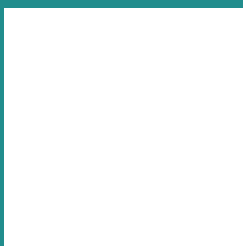
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9598, 21.2962, 28.5214

Background



This preview shows how black text looks on a background with the XYZ color 14.9598, 21.2962, 28.5214.

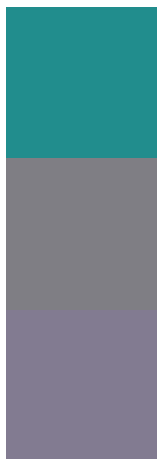


This preview shows how white text looks on a background with the XYZ color 14.9598, 21.2962,

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

14.9598, 21.2962, 28.5214

Protanopia

20.3781, 21.0997, 24.8284

Deuteranopia

21.3997, 20.9561, 29.7051



Tritanopia

15.7330, 21.1710, 32.5354

Trichromacy



Original Color

14.9598, 21.2962, 28.5214

Protanomaly

17.0037, 20.3090, 25.9455

Deuteranomaly

17.7360, 20.4118, 29.3906

Tritanomaly

15.4439, 21.2748, 30.8962

Monochromacy



Original Color

14.9598, 21.2962, 28.5214

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.6819, 16.8046, 20.6116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9598, 21.2962, 28.5214 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(33, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(33, 141, 141)  
}
```

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(33, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.9598, 21.2962, 28.5214 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(33, 141, 141) }
```


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

```
.border{ border-color:rgb(33, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(33, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9598, 21.2962, 28.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 141, 141) }
```

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

```
.background{ background-color: rgb(33, 141,  
141) }
```

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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