

Converting Colors

XYZ(14.4091, 21.4887, 24.9949)

Have a look what the booklet for
XYZ(14.4091, 21.4887, 24.9949)
contains.

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Color

**XYZ(14.4259, 21.5448,
24.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	1D8F83
RGB	29, 143, 131
RGB Percent	11%, 56%, 51%
CMY	0.8862, 0.4392, 0.4863
CMYK	0.80, 0.00, 0.08, 0.44
HSL	174°, 66%, 34%
HSV	174°, 80%, 56%
XYZ	14.4259, 21.5448, 24.8710
YIQ	107.5460, -64.0920, -27.9000

Conversions

Conversions Part 2

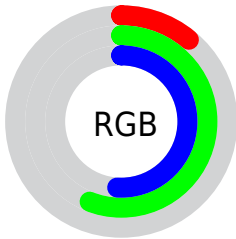
Format	Color
R_{YB}	29, 89, 143
Decimal	1937283
CIE _{Lab}	53.54, -33.03, -2.36
CIE _{LCh}	54, 33.119, 184.085
Yxy	21.5448, 0.2371, 0.3541
Android (android.graphics.Color)	4280127363 (0xFF1D8F83)
YUV	107.5460, 11.5628, -68.8848
Hunter-Lab	46.4164, -25.7521, 0.7225

Details

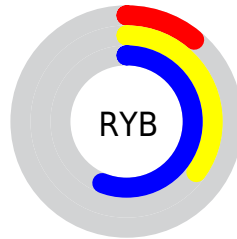
The XYZ color **14.4259, 21.5448, 24.8710** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.1680, 6.8791, 2.7852**, and the grayscale version is **14.1094, 14.8442, 16.1653**.

A 20% lighter version of the original color is **33.3373, 45.8261, 52.4357**, and **5.3501, 8.2635, 9.2957** is the 20% darker color. If you saturate the color by 10%, you get **14.0105, 21.3429, 24.3232**, and if you desaturate by 10%, it is **15.0317, 21.8457, 25.4364**.

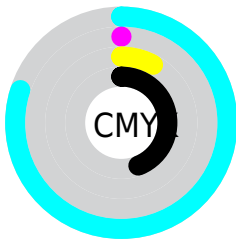
Distribution



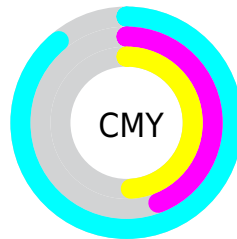
- Red (11%)
- Green (56%)
- Blue (51%)



- Red (11%)
- Yellow (35%)
- Blue (56%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (89%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4259, 21.5448, 24.8710 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 14.4259, 21.5448, 24.8710 by changing the saturation by 10% instead.

■ 14.4259, 21.5448,
24.8710

■ 14.4259, 21.5448,
24.8710

■ 213.3225,
260.1598, 290.6220

■ 8.5012, 13.5228,
15.7628

■ 33.4228, 45.9925,
52.4094

■ 4.4717, 7.7895,
9.2039

■ 47.2257, 63.1870,
71.6767

■ 1.9723, 3.9606,
4.7758

■ 64.3854, 84.2078,
95.1674

■ 0.6183, 1.6515,
2.0599

■ 85.2672, 109.4392,
123.3002

■ 0.0000, 0.3920,
0.5918

■ 110.2364,
139.2658, 156.4935

■ 0.0000, 0.0000,
0.0000

■ 139.6585,

174.0718, 195.1659

173.8987,
214.2417, 239.7358

■ 14.4259, 21.5448,
24.8710

■ 14.4259, 21.5448,
24.8710

■ 14.0105, 21.3429,
24.3232

■ 15.0317, 21.8457,
25.4364

■ 13.7235, 21.2065,
23.7886

■ 15.8490, 22.2550,
26.0190

■ 13.7156, 21.2027,
23.7735

■ 16.8982, 22.7837,
26.6203

■ 18.1968, 23.4408,
27.2411

■ 19.7607, 24.2344,
27.8821

■ 21.6041, 25.1720,
28.5441

■ 23.7407, 26.2605,
29.2278

■ 26.1829, 27.5064,
29.9338

■ 28.9427, 28.9158,
30.6626

Harmonies

Analogous

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



14.9591, 21.5448, 15.9472



14.4259, 21.5448, 24.8710



15.3547, 21.5448, 36.1268

Triad

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



14.4259, 21.5448, 24.8710



24.5222, 21.5448, 43.5229



23.5897, 21.5448, 9.9580

Complementary

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



14.4259, 21.5448, 24.8710



12.1680, 6.8791, 2.7852

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.



26.6295, 21.5448, 14.1636



14.4259, 21.5448, 24.8710



27.2098, 21.5448, 33.0213

Square

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



14.4259, 21.5448, 24.8710



20.9651, 21.5448, 48.6822



28.0218, 21.5448, 22.1008



19.9979, 21.5448, 8.9201

Rectangle

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



14.4259, 21.5448, 24.8710



16.7486, 21.5448, 42.9876



28.0218, 21.5448, 22.1008



24.7229, 21.5448, 10.9740

Sweetspot

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



14.4265, 21.5456, 24.8715



37.0422, 44.2400, 50.5436



11.0121, 20.2331, 4.4879



8.2565, 10.0241, 11.5037



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.



14.4265, 21.5456, 24.8715



24.6899, 38.0316, 42.7621



9.9558, 11.2261, 27.6296



5.5361, 6.1067, 6.7892



12.1313, 18.7484, 21.0434



0.1205, 0.1811, 0.2251

Inverse Universe

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



12.1680, 6.8791, 2.7852



20.5564, 10.6953, 1.9735



13.9132, 10.6551, 2.4863



5.4305, 5.4327, 5.7652



10.0967, 5.1957, 0.8943



0.1002, 0.0511, 0.0277

Previews

White Background



This preview shows how the XYZ color 14.4259, 21.5448, 24.8710 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 14.4259, 21.5448, 24.8710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

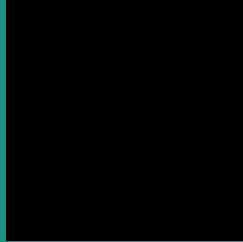
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4259, 21.5448, 24.8710

Background



This preview shows how black text looks on a background with the XYZ color 14.4259, 21.5448, 24.8710.

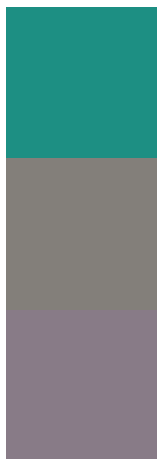


This preview shows how white text looks on a background with the XYZ color 14.4259, 21.5448,

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

14.4259, 21.5448, 24.8710

Protanopia

20.4623, 21.4092, 21.4663

Deuteranopia

21.6095, 21.1494, 25.8650



Tritanopia

16.0027, 21.5260, 32.5897

Trichromacy



Original Color

14.4259, 21.5448, 24.8710

Protanomaly

16.7053, 20.6354, 22.5046

Deuteranomaly

17.2155, 20.2279, 25.5513

Tritanomaly

15.3956, 21.4947, 29.7230

Monochromacy



Original Color

14.4259, 21.5448, 24.8710

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.2142, 16.5980, 19.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4259, 21.5448, 24.8710 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(29, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(29, 143, 131)  
}
```

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(29, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 143, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.4259, 21.5448, 24.8710 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(29, 143, 131) }
```


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

```
.border{ border-color:rgb(29, 143, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(29, 143,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4259, 21.5448, 24.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 143, 131) }
```

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

```
.background{ background-color: rgb(29, 143,  
131) }
```

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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