

Converting Colors

XYZ(14.0756, 19.1163, 21.6012)

Have a look what the booklet for
XYZ(14.0756, 19.1163, 21.6012)
contains.

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Color

**XYZ(14.0732, 19.0908,
21.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	42847B
RGB	66, 132, 123
RGB Percent	26%, 52%, 48%
CMY	0.7412, 0.4823, 0.5176
CMYK	0.50, 0.00, 0.07, 0.48
HSL	172°, 33%, 39%
HSV	172°, 50%, 52%
XYZ	14.0732, 19.0908, 21.6821
YIQ	111.2400, -36.4470, -16.7910

Conversions

Conversions Part 2

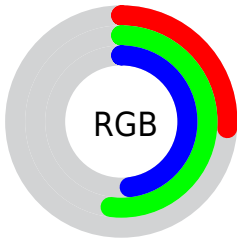
Format	Color
RYB	66, 101, 132
Decimal	4359291
CIELab	50.79, -23.38, -1.63
CIELCh	51, 23.441, 183.989
Yxy	19.0908, 0.2566, 0.3481
Android (android.graphics.Color)	4282549371 (0xFF42847B)
YUV	111.2400, 5.7977, -39.6755
Hunter-Lab	43.6930, -18.9692, 1.1632

Details

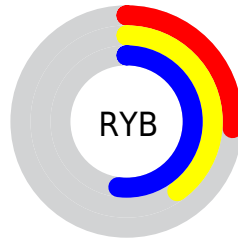
The XYZ color **14.0732, 19.0908, 21.6821** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.7346, 9.3106, 7.7833**, and the grayscale version is **15.1709, 15.9609, 17.3815**.

A 20% lighter version of the original color is **32.6946, 41.7150, 46.8861**, and **4.2909, 6.5484, 7.5164** is the 20% darker color. If you saturate the color by 10%, you get **13.1729, 18.6401, 21.0574**, and if you desaturate by 10%, it is **15.1819, 19.6497, 22.3282**.

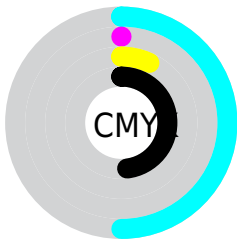
Distribution



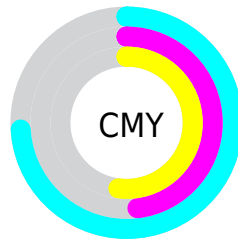
- Red (26%)
- Green (52%)
- Blue (48%)



- Red (26%)
- Yellow (40%)
- Blue (52%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (48%)



- Cyan (74%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0732, 19.0908, 21.6821 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 14.0732, 19.0908, 21.6821 by changing the saturation by 10% instead.

■ 14.0732, 19.0908,
21.6821

■ 14.0732, 19.0908,
21.6821

211.1872,
246.9496, 273.7807

■ 8.2536, 11.7359,
13.4274

■ 32.8040, 41.8875,
47.1154

■ 4.3108, 6.5641,
7.5893

■ 46.4460, 58.0980,
65.1312

■ 1.8794, 3.1910,
3.7493

■ 63.4262, 78.0293,
87.2377

■ 0.5648, 1.2323,
1.4889

■ 84.1099, 102.0656,
113.8535

■ 0.0000, 0.0878,
0.2096

■ 108.8625,
130.5914, 145.3972

■ 0.0000, 0.0000,
0.0000

138.0494,

163.9911, 182.2873

172.0358,
202.6490, 224.9423

■ 14.0732, 19.0908,
21.6821

■ 14.0732, 19.0908,
21.6821

■ 13.1729, 18.6401,
21.0574

■ 15.1819, 19.6497,
22.3282

■ 12.4652, 18.2879,
20.4521

■ 16.5105, 20.3212,
22.9950

■ 11.9342, 18.0266,
19.8658

■ 18.0712, 21.1122,
23.6836

■ 11.5613, 17.8465,
19.2975

■ 19.8753, 22.0283,
24.3947

■ 11.2888, 17.7180,
18.7445

■ 21.9329, 23.0750,
25.1286

■ 11.2888, 17.7180,
18.7444

■ 24.2540, 24.2572,
25.8859

■ 26.8476, 25.5796,
26.6672

■ 29.7225, 27.0468,
27.4728

■ 32.8872, 28.6632,
28.3033

Harmonies

Analogous

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



14.4464, 19.0908, 15.7021



14.0732, 19.0908, 21.6821



14.7128, 19.0908, 28.7207

Triad

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



14.0732, 19.0908, 21.6821



20.7374, 19.0908, 33.1876



20.1592, 19.0908, 11.3386

Complementary

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



14.0732, 19.0908, 21.6821



12.7346, 9.3106, 7.7833

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.



22.0738, 19.0908, 14.4675



14.0732, 19.0908, 21.6821



22.4270, 19.0908, 26.8651

Square

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



14.0732, 19.0908, 21.6821



18.4553, 19.0908, 36.1946



22.9355, 19.0908, 19.9162



17.8387, 19.0908, 10.5212

Rectangle

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



14.0732, 19.0908, 21.6821



15.6621, 19.0908, 32.8377



22.9355, 19.0908, 19.9162



20.8779, 19.0908, 12.1168

Sweetspot

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



14.0738, 19.0916, 21.6825



33.2588, 37.9123, 42.2964



12.2078, 18.4290, 8.0685



7.6121, 8.7601, 9.7951



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.0738, 19.0916, 21.6825



23.0169, 32.7403, 36.9464



11.8702, 13.7408, 23.8572



4.7750, 5.2682, 5.8266



10.9314, 17.1554, 18.1562



0.0397, 0.0602, 0.0728

Inverse Universe

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



12.7346, 9.3106, 7.7833



20.3849, 13.4307, 9.5647



14.0804, 12.4610, 6.8178



4.6965, 4.6983, 5.0143



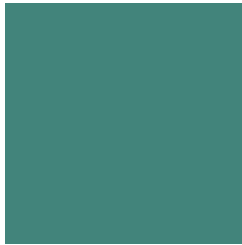
9.3206, 4.7926, 0.9948



0.0338, 0.0172, 0.0115

Previews

White Background



This preview shows how the XYZ color 14.0732, 19.0908, 21.6821 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 14.0732, 19.0908, 21.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

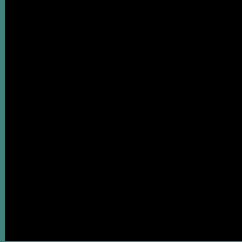
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0732, 19.0908, 21.6821

Background



This preview shows how black text looks on a background with the XYZ color 14.0732, 19.0908, 21.6821.

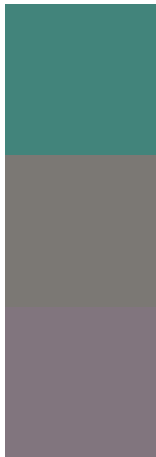


This preview shows how white text looks on a background with the XYZ color 14.0732, 19.0908,

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

14.0732, 19.0908, 21.6821

Protanopia

18.0372, 18.9048, 19.2213

Deuteranopia

19.1804, 18.8961, 22.3750



Tritanopia

15.1824, 18.9336, 27.6653

Trichromacy



Original Color

14.0732, 19.0908, 21.6821

Protanomaly

16.0169, 18.5720, 20.1933

Deuteranomaly

16.6051, 18.4639, 22.0907

Tritanomaly

14.7400, 18.9517, 25.4354

Monochromacy



Original Color

14.0732, 19.0908, 21.6821

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4107, 16.8644, 18.7153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0732, 19.0908, 21.6821 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(66, 132, 123) looks like.

```
.text, #text, p{  
    color:rgb(66, 132, 123)  
}
```

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(66, 132, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 132, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.0732, 19.0908, 21.6821 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(66, 132, 123) }
```


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

```
.border{ border-color:rgb(66, 132, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 132, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(66, 132,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0732, 19.0908, 21.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 132, 123) }
```

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

```
.background{ background-color: rgb(66, 132,  
123) }
```

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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