

Converting Colors

XYZ(14.3759, 19.3588, 20.9223)

Have a look what the booklet for
XYZ(14.3759, 19.3588, 20.9223)
contains.

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Color

**XYZ(14.3749, 19.2607,
21.0492)**

Conversions

Conversions Part 1

Format	Color
Hex	488479
RGB	72, 132, 121
RGB Percent	28%, 52%, 47%
CMY	0.7176, 0.4823, 0.5255
CMYK	0.45, 0.00, 0.08, 0.48
HSL	169°, 29%, 40%
HSV	169°, 45%, 52%
XYZ	14.3749, 19.2607, 21.0492
YIQ	112.8060, -32.2290, -16.1410

Conversions

Conversions Part 2

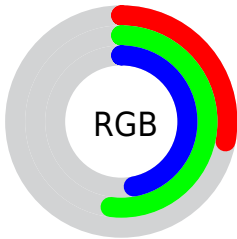
Format	Color
R_{YB}	72, 105, 132
Decimal	4752505
CIE _{Lab}	50.99, -22.36, -0.14
CIE _{LCh}	51, 22.359, 180.364
Yxy	19.2607, 0.2629, 0.3522
Android (android.graphics.Color)	4282942585 (0xFF488479)
YUV	112.8060, 4.0396, -35.7869
Hunter-Lab	43.8870, -18.3358, 2.2841

Details

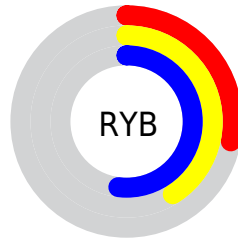
The XYZ color **14.3749, 19.2607, 21.0492** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.3950, 10.1652, 9.4403**, and the grayscale version is **15.6342, 16.4484, 17.9123**.

A 20% lighter version of the original color is **33.2040, 42.0001, 45.8920**, and **4.4511, 6.6348, 7.3494** is the 20% darker color. If you saturate the color by 10%, you get **13.3481, 18.7488, 20.2364**, and if you desaturate by 10%, it is **15.6179, 19.8846, 21.8924**.

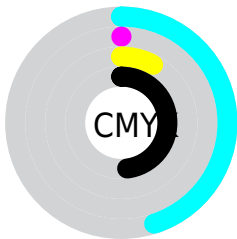
Distribution



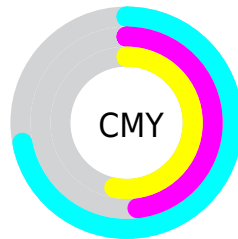
- Red (28%)
- Green (52%)
- Blue (47%)



- Red (28%)
- Yellow (41%)
- Blue (52%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (72%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3749, 19.2607, 21.0492 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 14.3749, 19.2607, 21.0492 by changing the saturation by 10% instead.

■ 14.3749, 19.2607,
21.0492

■ 14.3749, 19.2607,
21.0492

213.0150,
247.8842, 270.3295

■ 8.4653, 11.8588,
12.9684

■ 33.3335, 42.1742,
46.0513

■ 4.4484, 6.6476,
7.2763

■ 47.1132, 58.4545,
63.8096

■ 1.9588, 3.2427,
3.5544

■ 64.2471, 78.4631,
85.6308

■ 0.6107, 1.2597,
1.3842

■ 85.1003, 102.5844,
111.9335

■ 0.0000, 0.1097,
0.1294

■ 110.0384,
131.2028, 143.1361

■ 0.0000, 0.0000,
0.0000

139.4267,

164.7026, 179.6573

173.6304,
203.4683, 221.9156

■ 14.3749, 19.2607,
21.0492

■ 14.3749, 19.2607,
21.0492

■ 13.3481, 18.7488,
20.2364

■ 15.6179, 19.8846,
21.8924

■ 12.5221, 18.3395,
19.4518

■ 17.0878, 20.6246,
22.7654

■ 11.8823, 18.0257,
18.6952


■ 18.7967, 21.4873,
23.6694


■ 11.4110, 17.7984,
17.9654


■ 20.7555, 22.4784,
24.6048


■ 11.0816, 17.6439,
17.2612


■ 22.9740, 23.6030,
25.5725

 10.9477, 17.5816,
16.9480

 25.4619, 24.8660,
26.5728

 28.2281, 26.2720,
27.6065

 31.2813, 27.8255,
28.6739

 34.6297, 29.5308,
29.7757

Harmonies

Analogous

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



14.8535, 19.2607, 15.5073



14.3749, 19.2607, 21.0492



14.8771, 19.2607, 27.7504

Triad

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



14.3749, 19.2607, 21.0492



20.5417, 19.2607, 33.3334



20.4911, 19.2607, 12.0668

Complementary

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



14.3749, 19.2607, 21.0492



13.3950, 10.1652, 9.4403

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.



22.2267, 19.2607, 15.3978



14.3749, 19.2607, 21.0492



22.2575, 19.2607, 27.5890

Square

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



14.3749, 19.2607, 21.0492



18.3338, 19.2607, 35.6606



22.8971, 19.2607, 20.8942



18.2797, 19.2607, 10.9980

Rectangle

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



14.3749, 19.2607, 21.0492



15.7257, 19.2607, 31.8190



22.8971, 19.2607, 20.8942



21.1557, 19.2607, 12.9209

Sweetspot

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



14.3755, 19.2615, 21.0496



33.4805, 38.0361, 41.8772



13.0777, 18.8560, 9.0815



7.6537, 8.7842, 9.6791



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.



14.3755, 19.2615, 21.0496



23.3869, 32.9626, 35.5362



12.8552, 15.0789, 24.0636



4.7660, 5.2646, 5.7788



10.6015, 17.0234, 16.4186



0.0391, 0.0599, 0.0693

Inverse Universe

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



13.3950, 10.1652, 9.4403



21.4330, 14.7426, 12.3320



14.3422, 12.6863, 7.8240



4.7049, 4.7016, 5.0583



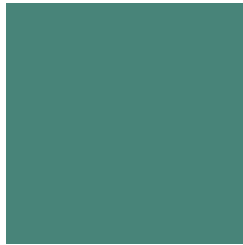
9.3769, 4.8151, 1.2909



0.0345, 0.0175, 0.0150

Previews

White Background



This preview shows how the XYZ color 14.3749, 19.2607, 21.0492 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 14.3749, 19.2607, 21.0492 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 14.3749, 19.2607, 21.0492

Background



This preview shows how black text looks on a background with the XYZ color 14.3749, 19.2607, 21.0492.

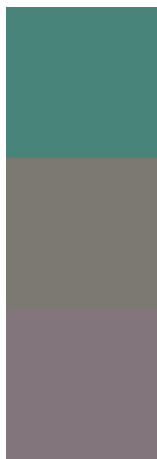


This preview shows how white text looks on a background with the XYZ color 14.3749, 19.2607,

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

14.3749, 19.2607, 21.0492

Protanopia

18.0659, 18.9329, 18.6218

Deuteranopia

19.3595, 19.0031, 21.7164



Tritanopia

15.6444, 19.1717, 27.6869

Trichromacy



Original Color

14.3749, 19.2607, 21.0492

Protanomaly

16.2442, 18.7029, 19.5835

Deuteranomaly

16.9651, 18.6641, 21.4473

Tritanomaly

15.1179, 19.1546, 25.0907

Monochromacy



Original Color

14.3749, 19.2607, 21.0492

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9059, 17.2906, 19.0748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3749, 19.2607, 21.0492 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(72, 132, 121)` looks like.

```
.text, #text, p{  
    color:rgb(72, 132, 121)  
}
```

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(72, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 132, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.3749, 19.2607, 21.0492 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(72, 132, 121) }
```


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

```
.border{ border-color:rgb(72, 132, 121) }
```

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

Here you see how a box with a 4 pixel rgb(72, 132, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(72, 132,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3749, 19.2607, 21.0492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 132, 121) }
```

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

```
.background{ background-color: rgb(72, 132,  
121) }
```

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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