

Converting Colors

XYZ(14.0927, 17.3777, 24.5448)

Have a look what the booklet for
XYZ(14.0927, 17.3777, 24.5448)
contains.

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Color

**XYZ(13.9955, 17.2483,
24.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	497B84
RGB	73, 123, 132
RGB Percent	29%, 48%, 52%
CMY	0.7137, 0.5176, 0.4823
CMYK	0.45, 0.07, 0.00, 0.48
HSL	189°, 29%, 40%
HSV	189°, 45%, 52%
XYZ	13.9955, 17.2483, 24.4214
YIQ	109.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

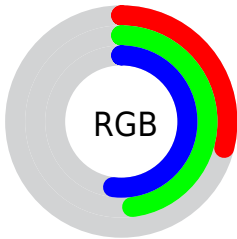
Format	Color
R_{YB}	73, 100, 132
Decimal	4815748
CIE _{Lab}	48.57, -14.29, -10.19
CIE _{LCh}	49, 17.553, 215.472
Yxy	17.2483, 0.2514, 0.3099
Android (android.graphics.Color)	4283005828 (0xFF497B84)
YUV	109.0760, 11.3015, -31.6387
Hunter-Lab	41.5311, -12.5269, -5.7924

Details

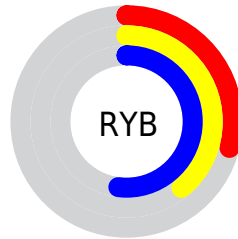
The XYZ color **13.9955, 17.2483, 24.4214** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.7360, 11.4216, 7.7845**, and the grayscale version is **14.5334, 15.2903, 16.6511**.

A 20% lighter version of the original color is **32.7397, 38.9134, 51.6844**, and **4.2787, 5.6605, 9.0507** is the 20% darker color. If you saturate the color by 10%, you get **12.8525, 16.2925, 24.2975**, and if you desaturate by 10%, it is **15.3570, 18.3252, 24.5578**.

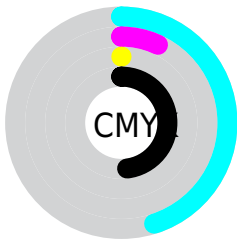
Distribution



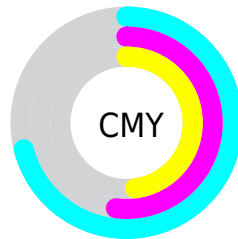
- Red (29%)
- Green (48%)
- Blue (52%)



- Red (29%)
- Yellow (39%)
- Blue (52%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9955, 17.2483, 24.4214 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 13.9955, 17.2483, 24.4214 by changing the saturation by 10% instead.

■ 13.9955, 17.2483,
24.4214

■ 13.9955, 17.2483,
24.4214

210.7140,
236.5992, 288.2989

■ 8.1992, 10.4117,
15.4314

■ 32.6674, 38.7522,
51.6694

■ 4.2756, 5.6728,
8.9728

■ 46.2737, 54.1883,
70.7645

■ 1.8592, 2.6471,
4.6268

■ 63.2140, 73.2596,
94.0651

■ 0.5529, 0.9504,
1.9752

■ 83.8538, 96.3506,
121.9897

■ 0.0000, 0.0000,
0.5399

■ 108.5583,
123.8457, 154.9569

■ 0.0000, 0.0000,
0.0000

137.6930,

156.1292, 193.3851

171.6231,
193.5856, 237.6929

■ 13.9955, 17.2483,
24.4214

■ 13.9955, 17.2483,
24.4214

■ 12.8525, 16.2925,
24.2975

■ 15.3570, 18.3252,
24.5578

■ 11.9129, 15.4487,
24.1841

■ 16.9478, 19.5276,
24.7060

■ 11.1619, 14.7097,
24.0810

■ 18.7799, 20.8621,
24.8671

■ 10.5824, 14.0665,
23.9874

■ 20.8640, 22.3342,
25.0414

■ 10.1504, 13.5069,
23.9022

■ 23.2100, 23.9492,
25.2295

■ 9.9444, 13.2249,
23.8586

■ 25.8275, 25.7120,
25.4317

■ 28.7254, 27.6273,
25.6487

■ 31.9124, 29.6994,
25.8807

■ 35.3965, 31.9328,
26.1281

Harmonies

Analogous

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



13.4962, 17.2483, 19.6404



13.9955, 17.2483, 24.4214



15.1398, 17.2483, 28.0765

Triad

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



13.9955, 17.2483, 24.4214



19.3808, 17.2483, 22.7147



16.1000, 17.2483, 11.2531

Complementary

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



13.9955, 17.2483, 24.4214



13.7360, 11.4216, 7.7845

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.



17.7156, 17.2483, 11.8028



13.9955, 17.2483, 24.4214



19.6794, 17.2483, 17.9460

Square

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



13.9955, 17.2483, 24.4214



18.2606, 17.2483, 26.9834



19.0520, 17.2483, 14.0828



14.6591, 17.2483, 12.4353

Rectangle

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



13.9955, 17.2483, 24.4214



16.1504, 17.2483, 29.1005



19.0520, 17.2483, 14.0828



16.6401, 17.2483, 11.2441

Sweetspot

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



13.9960, 17.2490, 24.4218



33.5687, 37.0974, 43.8444



12.5167, 18.5263, 10.8696



7.6586, 8.5247, 10.1945



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.



13.9960, 17.2490, 24.4218



22.5463, 28.6181, 42.7887



10.8847, 11.0263, 23.3847



4.7428, 5.1611, 5.9470



9.6316, 12.8110, 23.1018



0.0374, 0.0525, 0.0814

Inverse Universe

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



15.4739, 11.1012, 20.0667



25.5953, 16.6010, 33.6542



16.4415, 16.8325, 8.6864



4.8282, 4.7510, 5.7075



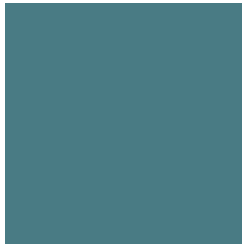
12.0397, 5.8802, 15.3133



0.0438, 0.0212, 0.0638

Previews

White Background



This preview shows how the XYZ color 13.9955, 17.2483, 24.4214 looks on a white 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

Black Background



This preview shows how the XYZ color 13.9955, 17.2483, 24.4214 looks on a black 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

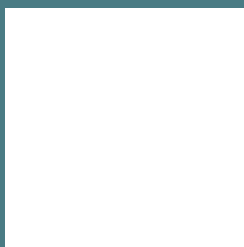
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9955, 17.2483, 24.4214

Background



This preview shows how black text looks on a background with the XYZ color 13.9955, 17.2483, 24.4214.



This preview shows how white text looks on a background with the XYZ color 13.9955, 17.2483,

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

13.9955, 17.2483, 24.4214

Protanopia

16.7226, 17.1184, 22.1615

Deuteranopia

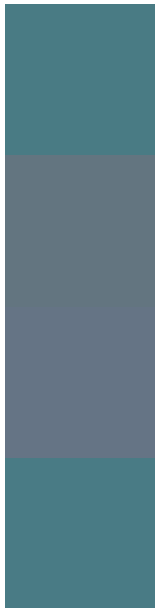
17.4334, 17.0915, 24.9344



Tritanopia

14.0643, 17.2758, 24.7836

Trichromacy



Original Color

13.9955, 17.2483, 24.4214

Protanomaly

15.4032, 16.9337, 22.8788

Deuteranomaly

15.8459, 16.9509, 24.6270

Tritanomaly

14.0643, 17.2758, 24.7836

Monochromacy



Original Color

13.9955, 17.2483, 24.4214

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.0521, 15.8058, 19.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9955, 17.2483, 24.4214 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(73, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(73, 123, 132)  
}
```

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(73, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 13.9955, 17.2483, 24.4214 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(73, 123, 132) }
```


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

```
.border{ border-color:rgb(73, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(73, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9955, 17.2483, 24.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 123, 132) }
```

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

```
.background{ background-color: rgb(73, 123,  
132) }
```

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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