

Converting Colors

XYZ(17.4836, 22.3394, 20.6249)

Have a look what the booklet for
XYZ(17.4836, 22.3394, 20.6249)
contains.

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Color

**XYZ(17.4324, 22.3146,
20.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	618B76
RGB	97, 139, 118
RGB Percent	38%, 55%, 46%
CMY	0.6196, 0.4549, 0.5373
CMYK	0.30, 0.00, 0.15, 0.45
HSL	150°, 18%, 46%
HSV	150°, 30%, 55%
XYZ	17.4324, 22.3146, 20.5279
YIQ	124.0480, -18.2910, -15.4350

Conversions

Conversions Part 2

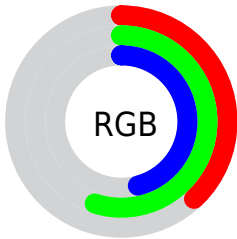
Format	Color
R_{YB}	97, 125, 139
Decimal	6392694
CIE _{Lab}	54.36, -19.19, 6.63
CIE _{LCh}	54, 20.303, 160.947
Yxy	22.3146, 0.2892, 0.3702
Android (android.graphics.Color)	4284582774 (0xFF618B76)
YUV	124.0480, -2.9817, -23.7211
Hunter-Lab	47.2383, -16.7951, 7.3018

Details

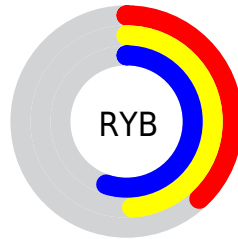
The XYZ color **17.4324, 22.3146, 20.5279** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1929, 15.3469, 19.1439**, and the grayscale version is **19.1886, 20.1879, 21.9847**.

A 20% lighter version of the original color is **38.7201, 47.4318, 45.1447**, and **5.8968, 8.2153, 7.0693** is the 20% darker color. If you saturate the color by 10%, you get **15.6813, 21.4584, 18.3690**, and if you desaturate by 10%, it is **19.4748, 23.3186, 22.8603**.

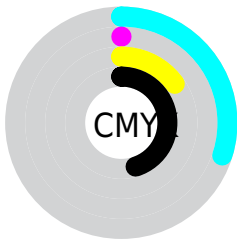
Distribution



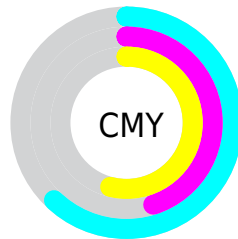
- Red (38%)
- Green (55%)
- Blue (46%)



- Red (38%)
- Yellow (49%)
- Blue (55%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4324, 22.3146, 20.5279 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 17.4324, 22.3146, 20.5279 by changing the saturation by 10% instead.

■ 17.4324, 22.3146,
20.5279

■ 17.4324, 22.3146,
20.5279

230.7600,
264.1848, 267.4569

■ 10.6405, 14.0882,
12.5915

■ 38.6055, 47.2654,
45.1710

■ 5.8911, 8.1821,
7.0204

■ 53.7173, 64.7587,
62.7148

■ 2.8190, 4.2117,
3.3962

■ 72.3331, 86.1097,
84.2982

■ 1.0588, 1.7927,
1.3003

■ 94.8183, 111.7028,
110.3396

■ 0.0000, 0.4826,
0.0621

121.5383,
141.9225, 141.2576

■ 0.0000, 0.0000,
0.0000

152.8583,

177.1532, 177.4709

189.1437,
217.7791, 219.3978

■ 17.4324, 22.3146,
20.5279

■ 17.4324, 22.3146,
20.5279

■ 15.6813, 21.4584,
18.3690

■ 19.4748, 23.3186,
22.8603

■ 14.2053, 20.7401,
16.3780

■ 21.8197, 24.4744,
25.3687

■ 12.9897, 20.1526,
14.5511

■ 24.4802, 25.7892,
28.0572

■ 12.0175, 19.6873,
12.8840

■ 27.4680, 27.2689,
30.9295

■ 11.2693, 19.3343,
11.3720

■ 30.7939, 28.9192,
33.9893

■ 10.7229, 19.0822,
10.0101

■ 34.4687, 30.7455,
37.2398

■ 10.3227, 18.9019,
8.8160

■ 38.5022, 32.7528,
40.6845

■ 42.9042, 34.9461,
44.3266

■ 47.6840, 37.3300,
48.1693

Harmonies

Analogous

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



18.5384, 22.3146, 16.1980



17.4324, 22.3146, 20.5279



17.2960, 22.3146, 26.6878

Triad

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



17.4324, 22.3146, 20.5279



22.0286, 22.3146, 38.3504



24.5923, 22.3146, 17.1466

Complementary

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



17.4324, 22.3146, 20.5279



18.1929, 15.3469, 19.1439

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.



25.6725, 22.3146, 22.0530



17.4324, 22.3146, 20.5279



24.1253, 22.3146, 34.7254

Square

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



17.4324, 22.3146, 20.5279



19.8489, 22.3146, 37.7485



25.4959, 22.3146, 28.5009



22.6306, 22.3146, 14.4936

Rectangle

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



17.4324, 22.3146, 20.5279



17.7618, 22.3146, 31.1257



25.4959, 22.3146, 28.5009



25.0765, 22.3146, 18.5478

Sweetspot

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



17.4330, 22.3155, 20.5284



39.5337, 44.0546, 45.9054



18.9577, 23.2300, 14.7943



8.9738, 10.0842, 10.4370



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.



17.4330, 22.3155, 20.5284



29.1012, 38.9250, 34.1875



18.7723, 22.8512, 27.5811



5.0693, 5.6472, 5.8860



9.3250, 17.0626, 8.0022



0.0693, 0.1163, 0.0920

Inverse Universe

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



18.1929, 15.3469, 19.1439



30.6804, 24.4439, 31.3104



17.1133, 14.9151, 13.4584



5.1303, 5.0876, 5.7748



10.6022, 5.3510, 5.6753



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 17.4324, 22.3146, 20.5279 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 17.4324, 22.3146, 20.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

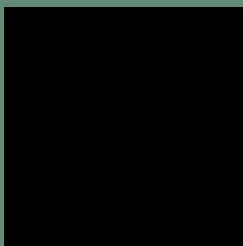
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

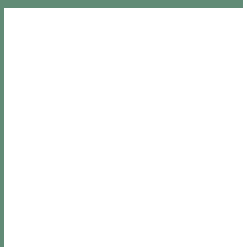
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4324, 22.3146, 20.5279

Background



This preview shows how black text looks on a background with the XYZ color 17.4324, 22.3146, 20.5279.



This preview shows how white text looks on a background with the XYZ color 17.4324, 22.3146,

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

17.4324, 22.3146, 20.5279

Protanopia

20.9842, 22.1270, 18.7877

Deuteranopia

22.4619, 22.0674, 21.1647



Tritanopia

19.4458, 22.2868, 30.4710

Trichromacy



Original Color

17.4324, 22.3146, 20.5279

Protanomaly

19.5081, 22.1504, 19.4669

Deuteranomaly

20.2749, 21.9105, 20.9299

Tritanomaly

18.6149, 22.1526, 26.5873

Monochromacy



Original Color

17.4324, 22.3146, 20.5279

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3025, 20.6831, 21.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4324, 22.3146, 20.5279 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(97, 139, 118)` looks like.

```
.text, #text, p{  
    color:rgb(97, 139, 118)  
}
```

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(97, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 139, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.4324, 22.3146, 20.5279 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(97, 139, 118) }
```


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

```
.border{ border-color:rgb(97, 139, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 139, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 139, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 139, 118);  
box-shadow:4px 4px 4px 4px rgb(97, 139,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4324, 22.3146, 20.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 139, 118) }
```

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

```
.background{ background-color: rgb(97, 139,  
118) }
```

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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