

Converting Colors

XYZ(16.7080, 22.0975, 24.6748)

Have a look what the booklet for
XYZ(16.7080, 22.0975, 24.6748)
contains.

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Color

**XYZ(16.6318, 22.0301,
24.4947)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8C82
RGB	79, 140, 130
RGB Percent	31%, 55%, 51%
CMY	0.6902, 0.4510, 0.4902
CMYK	0.44, 0.00, 0.07, 0.45
HSL	170°, 28%, 43%
HSV	170°, 44%, 55%
XYZ	16.6318, 22.0301, 24.4947
YIQ	120.6210, -33.1460, -16.0420

Conversions

Conversions Part 2

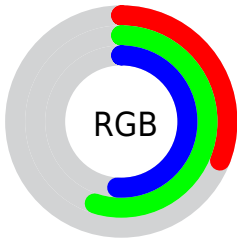
Format	Color
R_{YB}	79, 112, 140
Decimal	5213314
CIE _{Lab}	54.06, -22.31, -0.85
CIE _{LCh}	54, 22.330, 182.172
Yxy	22.0301, 0.2633, 0.3488
Android (android.graphics.Color)	4283403394 (0xFF4F8C82)
YUV	120.6210, 4.6238, -36.5016
Hunter-Lab	46.9362, -18.8871, 1.9136

Details

The XYZ color **16.6318, 22.0301, 24.4947** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4151, 11.8893, 10.9345**, and the grayscale version is **18.0455, 18.9853, 20.6750**.

A 20% lighter version of the original color is **37.3547, 46.9080, 51.8851**, and **5.5423, 8.1131, 9.0585** is the 20% darker color. If you saturate the color by 10%, you get **15.4355, 21.4315, 23.6437**, and if you desaturate by 10%, it is **18.0781, 22.7582, 25.3763**.

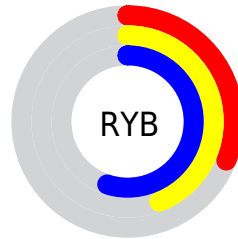
Distribution



Red (31%)

Green (55%)

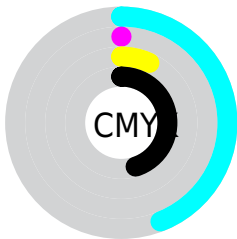
Blue (51%)



Red (31%)

Yellow (44%)

Blue (55%)

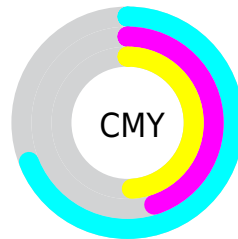


Cyan (44%)

Magenta (0%)

Yellow (7%)

Black (45%)



Cyan (69%)

Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6318, 22.0301, 24.4947 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 16.6318, 22.0301, 24.4947 by changing the saturation by 10% instead.

■ 16.6318, 22.0301,
24.4947

■ 16.6318, 22.0301,
24.4947

226.2394,
262.7034, 288.6788

■ 10.0660, 13.8790,
15.4854

■ 37.2403, 46.7957,
51.7902

■ 5.5053, 8.0366,
9.0104

■ 52.0137, 64.1791,
70.9135

■ 2.5845, 4.1184,
4.6510

■ 70.2536, 85.4086,
94.2452

■ 0.9380, 1.7400,
1.9889

■ 92.3255, 110.8688,
122.2038

■ 0.0000, 0.4493,
0.5484

■ 118.5946,
140.9440, 155.2080

■ 0.0000, 0.0000,
0.0000

149.4264,

176.0185, 193.6761

185.1862,
216.4769, 238.0269

■ 16.6318, 22.0301,
24.4947

■ 16.6318, 22.0301,
24.4947

■ 15.4355, 21.4315,
23.6437

■ 18.0781, 22.7582,
25.3763

■ 14.4717, 20.9519,
22.8210

■ 19.7867, 23.6207,
26.2877

■ 13.7238, 20.5831,
22.0261

■ 21.7713, 24.6250,
27.2302

■ 13.1719, 20.3151,
21.2580

■ 24.0443, 25.7775,
28.2045

■ 12.7923, 20.1354,
20.5154

■ 26.6170, 27.0841,
29.2112

■ 12.5921, 20.0423,
20.0492

■ 29.5003, 28.5505,
30.2509

■ 32.7046, 30.1820,
31.3243

■ 36.2397, 31.9835,
32.4319

■ 40.1149, 33.9600,
33.5743

Harmonies

Analogous

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



17.0939, 22.0301, 18.2974



16.6318, 22.0301, 24.4947



17.2481, 22.0301, 31.7904

Triad

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



16.6318, 22.0301, 24.4947



23.5109, 22.0301, 37.1014



23.1831, 22.0301, 14.0410

Complementary

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



16.6318, 22.0301, 24.4947



15.4151, 11.8893, 10.9345

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.



25.1220, 22.0301, 17.5781



16.6318, 22.0301, 24.4947



25.3213, 22.0301, 30.7485

Square

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



16.6318, 22.0301, 24.4947



21.1155, 22.0301, 39.8874



25.9321, 22.0301, 23.4864



20.7634, 22.0301, 12.9981

Rectangle

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



16.6318, 22.0301, 24.4947



18.2174, 22.0301, 36.1034



25.9321, 22.0301, 23.4864



23.9189, 22.0301, 14.9392

Sweetspot

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



16.6324, 22.0310, 24.4952



38.4939, 43.4699, 48.0565



14.9259, 21.4536, 10.7519



8.6991, 9.9300, 10.9959



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.



16.6324, 22.0310, 24.4952



27.3031, 37.8287, 41.7536



14.6352, 16.9094, 27.3043



5.1382, 5.6748, 6.2489



11.1944, 17.8103, 17.8460



0.0787, 0.1201, 0.1415

Inverse Universe

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



15.4151, 11.8893, 10.9345



24.8834, 17.5967, 14.7440



16.7207, 15.1277, 9.4363



5.0642, 5.0611, 5.4264



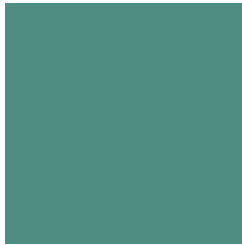
9.7522, 5.0110, 1.1992



0.0684, 0.0347, 0.0271

Previews

White Background



This preview shows how the XYZ color 16.6318, 22.0301, 24.4947 looks on a white background.

Color Contrast Check

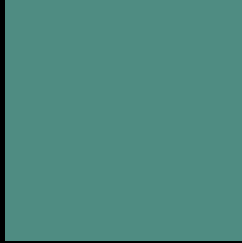
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6318, 22.0301, 24.4947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

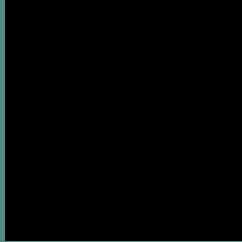
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6318, 22.0301, 24.4947

Background



This preview shows how black text looks on a background with the XYZ color 16.6318, 22.0301, 24.4947.



This preview shows how white text looks on a background with the XYZ color 16.6318, 22.0301,

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

16.6318, 22.0301, 24.4947

Protanopia

20.8100, 21.7739, 21.8449

Deuteranopia

22.2147, 21.8497, 25.2369



Tritanopia

17.9471, 21.9143, 31.3009

Trichromacy



Original Color

16.6318, 22.0301, 24.4947

Protanomaly

18.8272, 21.5196, 22.9001

Deuteranomaly

19.4836, 21.4131, 24.9360

Tritanomaly

17.3759, 21.8939, 28.5094

Monochromacy



Original Color

16.6318, 22.0301, 24.4947

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.3011, 19.9578, 22.0091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6318, 22.0301, 24.4947 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(79, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(79, 140, 130)  
}
```

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(79, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 140, 130) }
```

Border

The CSS property to change the border of an element to XYZ 16.6318, 22.0301, 24.4947 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(79, 140, 130) }
```


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

```
.border{ border-color:rgb(79, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(79, 140,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6318, 22.0301, 24.4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 140, 130) }
```

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

```
.background{ background-color: rgb(79, 140,  
130) }
```

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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