

Converting Colors

XYZ(19.4354, 23.5324, 24.5176)

Have a look what the booklet for
XYZ(19.4354, 23.5324, 24.5176)
contains.

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Color

**XYZ(19.4708, 23.4937,
24.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8C82
RGB	107, 140, 130
RGB Percent	42%, 55%, 51%
CMY	0.5804, 0.4510, 0.4902
CMYK	0.24, 0.00, 0.07, 0.45
HSL	162°, 13%, 48%
HSV	162°, 24%, 55%
XYZ	19.4708, 23.4937, 24.6276
YIQ	128.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

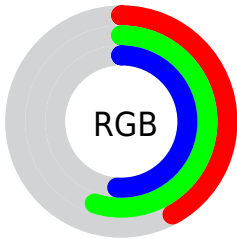
Format	Color
R_{YB}	107, 126, 140
Decimal	7048322
CIE _{Lab}	55.58, -13.77, 1.55
CIE _{LCh}	56, 13.861, 173.571
Y _{xy}	23.4937, 0.2881, 0.3476
Android (android.graphics.Color)	4285238402 (0xFF6B8C82)
YUV	128.9930, 0.4965, -19.2879
Hunter-Lab	48.4703, -13.1185, 3.8042

Details

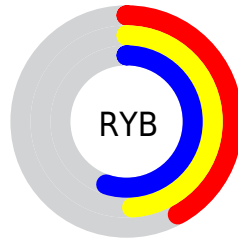
The XYZ color **19.4708, 23.4937, 24.6276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2847, 17.3759, 19.1682**, and the grayscale version is **20.8668, 21.9535, 23.9074**.

A 20% lighter version of the original color is **42.1371, 49.3734, 52.1089**, and **6.9450, 8.8362, 9.1241** is the 20% darker color. If you saturate the color by 10%, you get **17.6431, 22.5844, 23.0862**, and if you desaturate by 10%, it is **21.5841, 24.5502, 26.2447**.

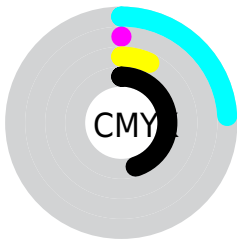
Distribution



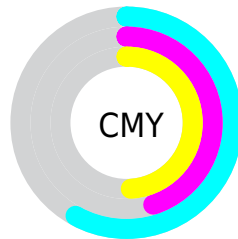
- Red (42%)
- Green (55%)
- Blue (51%)



- Red (42%)
- Yellow (49%)
- Blue (55%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)



- Cyan (58%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4708, 23.4937, 24.6276 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 19.4708, 23.4937, 24.6276 by changing the saturation by 10% instead.

■ 19.4708, 23.4937,
24.6276

■ 19.4708, 23.4937,
24.6276

241.9242,
270.2507, 289.3663

■ 12.1170, 14.9585,
15.5833

■ 42.0389, 49.2027,
52.0090

■ 6.8962, 8.7902,
9.0786

■ 57.9839, 67.1453,
71.1833

■ 3.4430, 4.6046,
4.6950

■ 77.5233, 88.9925,
94.5713

■ 1.3921, 2.0172,
2.0139

■ 101.0225,
115.1286, 122.5916

■ 0.2506, 0.6174,
0.5638

128.8468,
145.9381, 155.6627

■ 0.0000, 0.0000,
0.0000

161.3616,

181.8053, 194.2031

198.9323,
223.1147, 238.6315

■ 19.4708, 23.4937,
24.6276

■ 19.4708, 23.4937,
24.6276

■ 17.6431, 22.5844,
23.0862

■ 21.5841, 24.5502,
26.2447

■ 16.0859, 21.8125,
21.6175

■ 23.9934, 25.7572,
27.9372

■ 14.7854, 21.1716,
20.2207

■ 26.7110, 27.1218,
29.7069

■ 13.7260, 20.6537,
18.8943

■ 29.7478, 28.6496,
31.5550

■ 12.8902, 20.2499,
17.6367

■ 33.1143, 30.3459,
33.4826

■ 12.2582, 19.9497,
16.4461

■ 36.8204, 32.2159,
35.4909

■ 11.8059, 19.7410,
15.3207

■ 40.8756, 34.2644,
37.5811

■ 11.5629, 19.6308,
14.6291

■ 45.2892, 36.4961,
39.7540

■ 50.0698, 38.9156,
42.0109

Harmonies

Analogous

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



19.9949, 23.4937, 20.7959



19.4708, 23.4937, 24.6276



19.6835, 23.4937, 29.1847

Triad

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



19.4708, 23.4937, 24.6276



23.5554, 23.4937, 34.3223



24.1654, 23.4937, 19.2532

Complementary

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



19.4708, 23.4937, 24.6276



19.2847, 17.3759, 19.1682

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.



25.2038, 23.4937, 22.2863



19.4708, 23.4937, 24.6276



24.8403, 23.4937, 31.0482

Square

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



19.4708, 23.4937, 24.6276



21.9948, 23.4937, 35.1376



25.4564, 23.4937, 26.5580



22.6688, 23.4937, 17.9357

Rectangle

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



19.4708, 23.4937, 24.6276



20.2197, 23.4937, 31.9936



25.4564, 23.4937, 26.5580



24.5824, 23.4937, 20.0876

Sweetspot

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



19.4715, 23.4947, 24.6281



40.7194, 44.6170, 48.1700



19.4295, 23.6319, 17.4478



9.3343, 10.2566, 11.0659



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.



19.4715, 23.4947, 24.6281



32.6488, 40.5838, 42.0381



19.3160, 22.0566, 28.0514



5.1093, 5.6632, 6.0969



10.2827, 17.4457, 13.0453



0.0748, 0.1185, 0.1210

Inverse Universe

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



19.2847, 17.3759, 19.1682



32.2644, 27.9566, 30.7758



19.3806, 18.4591, 16.4519



5.0912, 5.0719, 5.5688



9.9960, 5.1085, 2.4835



0.0723, 0.0363, 0.0476

Previews

White Background



This preview shows how the XYZ color 19.4708, 23.4937, 24.6276 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 19.4708, 23.4937, 24.6276 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 19.4708, 23.4937, 24.6276

Background



This preview shows how black text looks on a background with the XYZ color 19.4708, 23.4937, 24.6276.



This preview shows how white text looks on a background with the XYZ color 19.4708, 23.4937,

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

19.4708, 23.4937, 24.6276

Protanopia

22.3337, 23.3273, 23.0642

Deuteranopia

23.7381, 23.2153, 25.0597



Tritanopia

20.8465, 23.4089, 31.4366

Trichromacy



Original Color

19.4708, 23.4937, 24.6276

Protanomaly

21.0989, 23.2959, 23.4632

Deuteranomaly

21.8637, 23.0468, 24.7689

Tritanomaly

20.3266, 23.4150, 28.6475

Monochromacy



Original Color

19.4708, 23.4937, 24.6276

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.2351, 22.4250, 24.0308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4708, 23.4937, 24.6276 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(107, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 140, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.4708, 23.4937, 24.6276 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(107, 140, 130) }
```


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

```
.border{ border-color:rgb(107, 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(107, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(107, 140,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4708, 23.4937, 24.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 140, 130) }
```

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

```
.background{ background-color: rgb(107,  
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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