

Converting Colors

XYZ(19.5506, 23.7198, 27.7816)

Have a look what the booklet for
XYZ(19.5506, 23.7198, 27.7816)
contains.

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Color

**XYZ(19.4792, 23.6514,
27.5833)**

Conversions

Conversions Part 1

Format	Color
Hex	658D8A
RGB	101, 141, 138
RGB Percent	40%, 55%, 54%
CMY	0.6039, 0.4470, 0.4588
CMYK	0.28, 0.00, 0.02, 0.45
HSL	175°, 17%, 47%
HSV	175°, 28%, 55%
XYZ	19.4792, 23.6514, 27.5833
YIQ	128.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

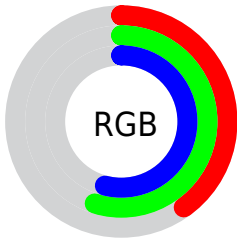
Format	Color
R_{YB}	101, 122, 141
Decimal	6655370
CIE _{Lab}	55.74, -14.42, -2.86
CIE _{LCh}	56, 14.702, 191.235
Yxy	23.6514, 0.2755, 0.3345
Android (android.graphics.Color)	4284845450 (0xFF658D8A)
YUV	128.6980, 4.5859, -24.2911
Hunter-Lab	48.6327, -13.6114, 0.4150

Details

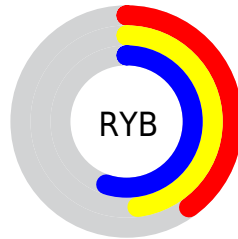
The XYZ color **19.4792, 23.6514, 27.5833** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1378, 15.9703, 15.2244**, and the grayscale version is **20.7514, 21.8321, 23.7752**.

A 20% lighter version of the original color is **42.0559, 49.5641, 56.6405**, and **6.9187, 8.9168, 10.5890** is the 20% darker color. If you saturate the color by 10%, you get **17.9579, 22.8765, 27.1146**, and if you desaturate by 10%, it is **21.2735, 24.5681, 28.0696**.

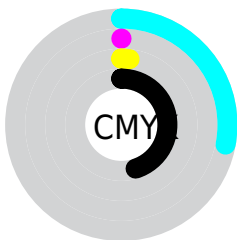
Distribution



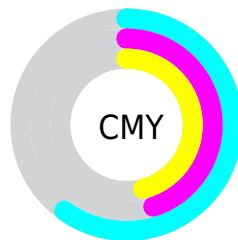
- Red (40%)
- Green (55%)
- Blue (54%)



- Red (40%)
- Yellow (48%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4792, 23.6514, 27.5833 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 19.4792, 23.6514, 27.5833 by changing the saturation by 10% instead.

■ 19.4792, 23.6514,
27.5833

■ 19.4792, 23.6514,
27.5833

241.9693,
271.0533, 304.3194

■ 12.1231, 15.0752,
17.7755

■ 42.0529, 49.4607,
56.8335

■ 6.9004, 8.8722,
10.6211

■ 58.0013, 67.4627,
77.1130

■ 3.4456, 4.6579,
5.7017

■ 77.5444, 89.3754,
101.7202

■ 1.3936, 2.0480,
2.5987

■ 101.0476,
115.5831, 131.0735

■ 0.2516, 0.6351,
0.8918

128.8764,
146.4704, 165.5915

■ 0.0000, 0.0000,
0.0000

161.3960,

182.4216, 205.6929

198.9719,
223.8211, 251.7960

■ 19.4792, 23.6514,
27.5833

■ 19.4792, 23.6514,
27.5833

■ 17.9579, 22.8765,
27.1146

■ 21.2735, 24.5681,
28.0696

■ 16.6937, 22.2336,
26.6614

■ 23.3517, 25.6305,
28.5727

■ 15.6723, 21.7156,
26.2234

■ 25.7263, 26.8456,
29.0935

■ 14.8770, 21.3142,
25.7998

■ 28.4088, 28.2193,
29.6326

■ 14.2891, 21.0196,
25.3898

■ 31.4098, 29.7571,
30.1906

■ 13.8870, 20.8207,
24.9924

■ 34.7397, 31.4644,
30.7680

■ 13.6234, 20.6931,
24.6052

■ 38.4081, 33.3461,
31.3651

■ 13.5829, 20.6736,
24.5425

■ 42.4244, 35.4071,
31.9825

■ 46.7976, 37.6520,
32.6206

Harmonies

Analogous

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



19.5784, 23.6514, 22.9096



19.4792, 23.6514, 27.5833



20.1537, 23.6514, 32.2922

Triad

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



19.4792, 23.6514, 27.5833



24.6605, 23.6514, 33.2942



23.5273, 23.6514, 17.9990

Complementary

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



19.4792, 23.6514, 27.5833



18.1378, 15.9703, 15.2244

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.



24.9786, 23.6514, 20.1610



19.4792, 23.6514, 27.5833



25.6548, 23.6514, 28.8210

Square

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



19.4792, 23.6514, 27.5833



23.1105, 23.6514, 35.8508



25.7740, 23.6514, 24.0043



21.8610, 23.6514, 17.7543

Rectangle

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



19.4792, 23.6514, 27.5833



20.9719, 23.6514, 34.6705



25.7740, 23.6514, 24.0043



24.0586, 23.6514, 18.5119

Sweetspot

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



19.4799, 23.6524, 27.5838



41.4907, 45.7311, 51.0915



17.6223, 22.9533, 15.8142



9.1538, 10.1563, 11.3850



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.



19.4799, 23.6524, 27.5838



33.0955, 41.4440, 48.8584



17.4248, 19.1896, 27.9859



5.5430, 6.1094, 6.8255



12.3872, 18.8507, 22.3907



0.1218, 0.1816, 0.2318

Inverse Universe

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



18.1378, 15.9703, 15.2244



30.2871, 25.3613, 22.9903



19.7736, 19.4817, 15.0307



5.4243, 5.4302, 5.7323



10.0714, 5.1856, 0.7613



0.0989, 0.0506, 0.0210

Previews

White Background



This preview shows how the XYZ color 19.4792, 23.6514, 27.5833 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 19.4792, 23.6514, 27.5833 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 19.4792, 23.6514, 27.5833

Background



This preview shows how black text looks on a background with the XYZ color 19.4792, 23.6514, 27.5833.



This preview shows how white text looks on a background with the XYZ color 19.4792, 23.6514,

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

19.4792, 23.6514, 27.5833

Protanopia

22.4766, 23.3469, 25.5121

Deuteranopia

23.9116, 23.4336, 28.0738



Tritanopia

20.4466, 23.6103, 32.3338

Trichromacy



Original Color

19.4792, 23.6514, 27.5833

Protanomaly

21.2055, 23.2882, 26.2991

Deuteranomaly

21.9498, 23.2283, 27.7527

Tritanomaly

20.1599, 23.7151, 30.7091

Monochromacy



Original Color

19.4792, 23.6514, 27.5833

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1601, 22.3629, 25.0837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4792, 23.6514, 27.5833 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(101, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(101, 141, 138)  
}
```

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(101, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 141, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.4792, 23.6514, 27.5833 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(101, 141, 138) }
```


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

```
.border{ border-color:rgb(101, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 141, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 141, 138);  
box-shadow:4px 4px 4px 4px rgb(101, 141,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4792, 23.6514, 27.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 141, 138) }
```

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

```
.background{ background-color: rgb(101,  
141, 138) }
```

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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