

Converting Colors

XYZ(19.8852, 24.0213, 32.5457)

Have a look what the booklet for
XYZ(19.8852, 24.0213, 32.5457)
contains.

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Color

**XYZ(19.7941, 23.9277,
32.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8E96
RGB	94, 142, 150
RGB Percent	37%, 56%, 59%
CMY	0.6314, 0.4431, 0.4118
CMYK	0.37, 0.05, 0.00, 0.41
HSL	189°, 23%, 48%
HSV	189°, 37%, 59%
XYZ	19.7941, 23.9277, 32.4294
YIQ	128.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

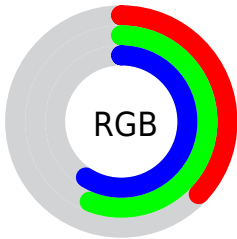
Format	Color
R_{YB}	94, 120, 150
Decimal	6196886
CIE _{Lab}	56.02, -14.04, -9.40
CIE _{LCh}	56, 16.896, 213.802
Y _{xy}	23.9277, 0.2599, 0.3142
Android (android.graphics.Color)	4284386966 (0xFF5E8E96)
Y _{UV}	128.5600, 10.5699, -30.3091
Hunter-Lab	48.9159, -13.3719, -5.0658

Details

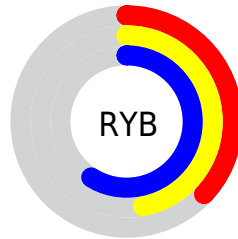
The XYZ color **19.7941, 23.9277, 32.4294** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3498, 16.7952, 12.8121**, and the grayscale version is **20.6852, 21.7624, 23.6993**.

A 20% lighter version of the original color is **42.6716, 50.0425, 64.5369**, and **7.0755, 9.0687, 13.1819** is the 20% darker color. If you saturate the color by 10%, you get **18.0874, 22.5797, 32.2596**, and if you desaturate by 10%, it is **21.8073, 25.4439, 32.6164**.

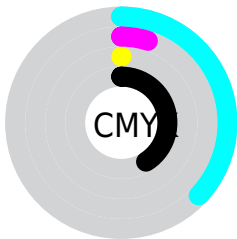
Distribution



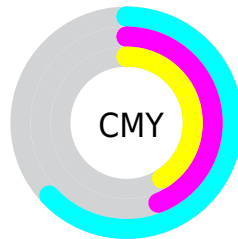
- Red (37%)
- Green (56%)
- Blue (59%)



- Red (37%)
- Yellow (47%)
- Blue (59%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7941, 23.9277, 32.4294 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 19.7941, 23.9277, 32.4294 by changing the saturation by 10% instead.

■ 19.7941, 23.9277,
32.4294

■ 19.7941, 23.9277,
32.4294

243.6531,
272.4548, 327.6235

■ 12.3529, 15.2800,
21.4222

■ 42.5783, 49.9122,
64.5894

■ 7.0584, 9.0161,
13.2387

■ 58.6519, 68.0178,
86.5792

■ 3.5453, 4.7517,
7.4605

■ 78.3338, 90.0448,
113.0669

■ 1.4483, 2.1023,
3.6689

■ 101.9892,
116.3776, 144.4711

■ 0.2902, 0.6659,
1.4455

129.9834,
147.4006, 181.2103

■ 0.0000, 0.0000,
0.1769

162.6819,

■ 0.0000, 0.0000,

183.4982, 223.7031

0.0000

200.4501,
225.0548, 272.3680

■ 19.7941, 23.9277,
32.4294

■ 19.7941, 23.9277,
32.4294

■ 18.0874, 22.5797,
32.2596

■ 21.8073, 25.4439,
32.6164

■ 16.6676, 21.3882,
32.1044

■ 24.1409, 27.1339,
32.8196

■ 15.5163, 20.3440,
31.9636

■ 26.8105, 29.0062,
33.0403

■ 14.6118, 19.4360,
31.8360

■ 29.8300, 31.0682,
33.2791

■ 13.9291, 18.6512,
31.7205

■ 33.2125, 33.3266,
33.5368

■ 13.4249, 17.9674,
31.6150

■ 36.9706, 35.7880,
33.8138

■ 13.2997, 17.7912,
31.5876

■ 41.1160, 38.4585,
34.1107

■ 45.6602, 41.3439,
34.4282

■ 50.6139, 44.4500,
34.7666

Harmonies

Analogous

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



19.2347, 23.9277, 26.7649



19.7941, 23.9277, 32.4294



21.1422, 23.9277, 36.8090

Triad

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



19.7941, 23.9277, 32.4294



26.2402, 23.9277, 31.0363



22.4972, 23.9277, 16.8166

Complementary

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



19.7941, 23.9277, 32.4294



19.3498, 16.7952, 12.8121

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.



24.4218, 23.9277, 17.6278



19.7941, 23.9277, 32.4294



26.6530, 23.9277, 25.3542

Square

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



19.7941, 23.9277, 32.4294



24.8718, 23.9277, 35.9281



25.9702, 23.9277, 20.5729



20.7385, 23.9277, 18.1770

Rectangle

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



19.7941, 23.9277, 32.4294



22.3440, 23.9277, 38.1217



25.9702, 23.9277, 20.5729



23.1458, 23.9277, 16.8455

Sweetspot

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



19.7948, 23.9286, 32.4300



45.4118, 49.8663, 58.1529



17.8948, 25.1416, 16.3423



9.9376, 10.9626, 12.8771



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.7948, 23.9286, 32.4300



32.3233, 40.1743, 56.9720



16.1993, 16.7375, 31.2314



5.8943, 6.4225, 7.3987



11.0480, 14.7908, 26.2037



0.1508, 0.2122, 0.3259

Inverse Universe

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



21.4634, 16.4430, 27.6348



35.7877, 25.2233, 46.8836



22.5104, 23.1164, 13.8657



6.0001, 5.8951, 7.1065



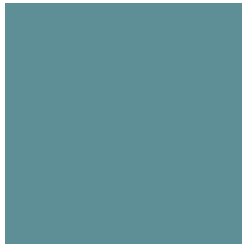
13.7036, 6.6865, 17.7180



0.1756, 0.0850, 0.2582

Previews

White Background



This preview shows how the XYZ color 19.7941, 23.9277, 32.4294 looks on a white background.

Color Contrast Check

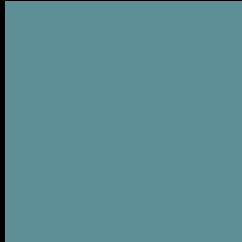
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7941, 23.9277, 32.4294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

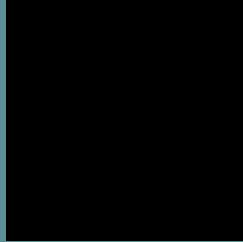
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7941, 23.9277, 32.4294

Background



This preview shows how black text looks on a background with the XYZ color 19.7941, 23.9277, 32.4294.



This preview shows how white text looks on a background with the XYZ color 19.7941, 23.9277,

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

19.7941, 23.9277, 32.4294

Protanopia

23.0944, 23.7752, 29.7574

Deuteranopia

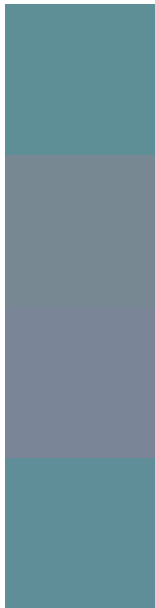
24.1314, 23.6355, 32.9960



Tritanopia

20.1421, 24.0788, 33.7231

Trichromacy



Original Color

19.7941, 23.9277, 32.4294

Protanomaly

21.6002, 23.6056, 30.6120

Deuteranomaly

22.1371, 23.4221, 32.6323

Tritanomaly

20.0598, 24.0459, 33.2898

Monochromacy



Original Color

19.7941, 23.9277, 32.4294

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.2429, 22.5693, 26.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7941, 23.9277, 32.4294 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(94, 142, 150) looks like.

```
.text, #text, p{  
    color:rgb(94, 142, 150)  
}
```

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(94, 142, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 142, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.7941, 23.9277, 32.4294 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(94, 142, 150) }
```


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

```
.border{ border-color:rgb(94, 142, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 142, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 142, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 142, 150);  
box-shadow:4px 4px 4px 4px rgb(94, 142,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7941, 23.9277, 32.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 142, 150) }
```

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

```
.background{ background-color: rgb(94, 142,  
150) }
```

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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