

Converting Colors

XYZ(17.4236, 23.2445, 32.0025)

Have a look what the booklet for
XYZ(17.4236, 23.2445, 32.0025)
contains.

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Color

**XYZ(17.3847, 23.1406,
31.9841)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9095
RGB	62, 144, 149
RGB Percent	24%, 56%, 58%
CMY	0.7568, 0.4353, 0.4157
CMYK	0.58, 0.03, 0.00, 0.42
HSL	183°, 41%, 41%
HSV	183°, 58%, 58%
XYZ	17.3847, 23.1406, 31.9841
YIQ	120.0520, -50.4770, -15.8290

Conversions

Conversions Part 2

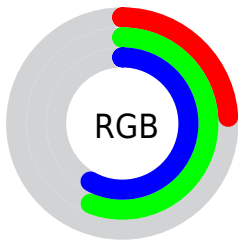
Format	Color
R _Y B	62, 104, 149
Decimal	4100245
CIE Lab	55.22, -23.15, -10.16
CIE LCh	55, 25.280, 203.703
Yxy	23.1406, 0.2398, 0.3191
Android (android.graphics.Color)	4282290325 (0xFF3E9095)
YUV	120.0520, 14.2714, -50.9116
Hunter-Lab	48.1047, -19.6745, -5.7478

Details

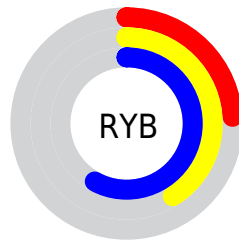
The XYZ color **17.3847, 23.1406, 31.9841** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.2716, 10.7522, 5.8285**, and the grayscale version is **17.8373, 18.7662, 20.4364**.

A 20% lighter version of the original color is **38.4448, 48.5515, 63.8450**, and **6.1190, 8.7105, 12.9141** is the 20% darker color. If you saturate the color by 10%, you get **16.4464, 22.4656, 31.9037**, and if you desaturate by 10%, it is **18.5816, 23.9514, 32.0779**.

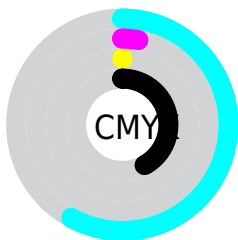
Distribution



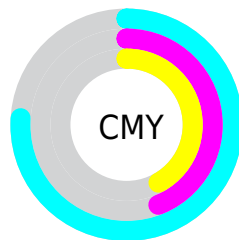
- Red (24%)
- Green (56%)
- Blue (58%)



- Red (24%)
- Yellow (41%)
- Blue (58%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3847, 23.1406, 31.9841 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 17.3847, 23.1406, 31.9841 by changing the saturation by 10% instead.

■ 17.3847, 23.1406,
31.9841

■ 17.3847, 23.1406,
31.9841

230.4929,
268.4463, 325.5373

■ 10.6062, 14.6974,
21.0846

■ 38.5244, 48.6241,
63.8838

■ 5.8680, 8.6073,
12.9940

■ 53.6162, 66.4331,
85.7211

■ 2.8049, 4.4859,
7.2938

■ 72.2099, 88.1329,
112.0414

■ 1.0514, 1.9489,
3.5653

■ 94.6708, 114.1078,
143.2633

■ 0.0000, 0.5775,
1.3900

■ 121.3641,
144.7422, 179.8053

■ 0.0000, 0.0000,
0.1339

152.6554,

■ 0.0000, 0.0000,

180.4204, 222.0859

0.0000

188.9098,
221.5270, 270.5238

■ 17.3847, 23.1406,
31.9841

■ 17.3847, 23.1406,
31.9841

■ 16.4464, 22.4656,
31.9037

■ 18.5816, 23.9514,
32.0779

■ 15.7432, 21.9128,
31.8340

■ 20.0540, 24.9051,
32.1844

■ 15.2505, 21.4700,
31.7745

■ 21.8200, 26.0117,
32.3049

■ 14.9177, 21.1110,
31.7228

■ 23.8953, 27.2792,
32.4402

■ 14.8674, 21.0549,
31.7146

■ 26.2948, 28.7153,
32.5909

■ 29.0322, 30.3270,
32.7578

■ 32.1204, 32.1212,
32.9413

■ 35.5718, 34.1040,
33.1421

■ 39.3981, 36.2815,
33.3607

Harmonies

Analogous

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



17.0234, 23.1406, 23.5275



17.3847, 23.1406, 31.9841



18.9320, 23.1406, 39.9350

Triad

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



17.3847, 23.1406, 31.9841



26.6710, 23.1406, 35.5770



22.5959, 23.1406, 12.6773

Complementary

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



17.3847, 23.1406, 31.9841



15.2716, 10.7522, 5.8285

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.



25.3705, 23.1406, 14.6198



17.3847, 23.1406, 31.9841



27.8497, 23.1406, 26.9420

Square

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



17.3847, 23.1406, 31.9841



24.2519, 23.1406, 42.3006



27.3545, 23.1406, 19.4438



19.8816, 23.1406, 13.4641

Rectangle

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



17.3847, 23.1406, 31.9841



20.5046, 23.1406, 43.2792



27.3545, 23.1406, 19.4438



23.5548, 23.1406, 13.0165

Sweetspot

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



17.3854, 23.1415, 31.9846



42.8014, 48.8580, 58.0959



13.7283, 22.9170, 8.9091



9.2537, 10.6872, 12.8599



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.



17.3854, 23.1415, 31.9846



29.0282, 39.9098, 57.0947



12.0803, 12.5313, 30.2163



5.9359, 6.5057, 7.4126



12.5202, 17.7352, 26.6944



0.1602, 0.2311, 0.3291

Inverse Universe

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



19.1517, 11.8491, 27.6642



32.5804, 18.0285, 48.2200



18.8243, 17.8576, 7.0128



6.0211, 5.9035, 7.2171



14.4467, 6.9837, 21.6311



0.1803, 0.0869, 0.2833

Previews

White Background



This preview shows how the XYZ color 17.3847, 23.1406, 31.9841 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 17.3847, 23.1406, 31.9841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

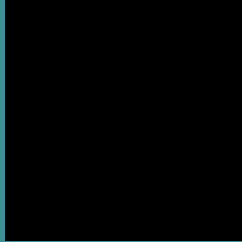
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3847, 23.1406, 31.9841

Background



This preview shows how black text looks on a background with the XYZ color 17.3847, 23.1406, 31.9841.



This preview shows how white text looks on a background with the XYZ color 17.3847, 23.1406, 31.9841.

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

17.3847, 23.1406, 31.9841

Protanopia

22.2841, 22.9810, 28.4606

Deuteranopia

23.2182, 22.7737, 32.8778



Tritanopia

17.8532, 23.1015, 34.5284

Trichromacy



Original Color

17.3847, 23.1406, 31.9841

Protanomaly

19.7821, 22.6861, 29.7218

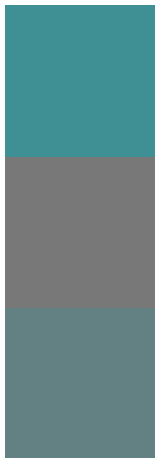
Deuteranomaly

20.2954, 22.4727, 32.5461

Tritanomaly

17.6221, 23.0016, 33.6480

Monochromacy



Original Color

17.3847, 23.1406, 31.9841

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.0926, 19.9919, 24.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3847, 23.1406, 31.9841 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(62, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(62, 144, 149)  
}
```

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(62, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 144, 149) }
```

Border

The CSS property to change the border of an element to XYZ 17.3847, 23.1406, 31.9841 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(62, 144, 149) }
```


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

```
.border{ border-color:rgb(62, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(62, 144,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3847, 23.1406, 31.9841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 144, 149) }
```

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

```
.background{ background-color: rgb(62, 144,  
149) }
```

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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