

Converting Colors

XYZ(23.6514, 31.5582, 32.4486)

Have a look what the booklet for
XYZ(23.6514, 31.5582, 32.4486)
contains.

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Color

**XYZ(23.6514, 31.5582,
32.4486)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61A593 |
| RGB | 97, 165, 147 |
| RGB Percent | 38%, 65%, 58% |
| CMY | 0.6196, 0.3529, 0.4235 |
| CMYK | 0.41, 0.00, 0.11, 0.35 |
| HSL | 164°, 27%, 51% |
| HSV | 164°, 41%, 65% |
| XYZ | 23.6514, 31.5582, 32.4486 |
| YIQ | 142.6160, -34.7500, -20.0140 |

Conversions

Conversions Part 2

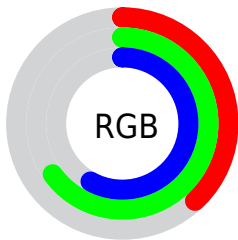
| Format | Color |
|-------------------------------------|--|
| RYB | 97, 136, 165 |
| Decimal | 6399379 |
| CIELab | 62.98, -25.92, 2.58 |
| CIElCh | 63, 26.050, 174.327 |
| Yxy | 31.5582, 0.2698, 0.3600 |
| Android (android.graphics.Color) | 4284589459 (0xFF61A593) |
| YUV | 142.6160, 2.1613, -40.0052 |
| Hunter-Lab | 56.1767, -23.1575, 5.0768 |

Details

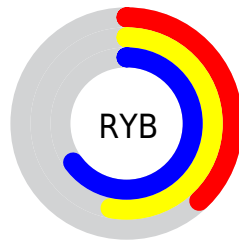
The XYZ color **23.6514, 31.5582, 32.4486** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8874, 17.7875, 18.4480**, and the grayscale version is **25.9578, 27.3096, 29.7402**.

A 20% lighter version of the original color is **48.8983, 61.9828, 64.6450**, and **9.1015, 13.2088, 13.3791** is the 20% darker color. If you saturate the color by 10%, you get **21.7367, 30.6108, 30.6040**, and if you desaturate by 10%, it is **25.9466, 32.7019, 34.3803**.

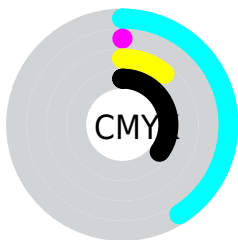
Distribution



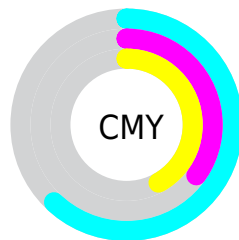
- Red (38%)
- Green (65%)
- Blue (58%)



- Red (38%)
- Yellow (53%)
- Blue (65%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6514, 31.5582, 32.4486 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 23.6514, 31.5582, 32.4486 by changing the saturation by 10% instead.

■ 23.6514, 31.5582,
32.4486

■ 23.6514, 31.5582,
32.4486

263.5266,
309.1018, 327.7132

■ 15.1986, 21.0243,
21.4367

■ 48.9196, 62.1178,
64.6198

■ 9.0461, 13.1417,
13.2493

■ 66.4656, 82.9123,
86.6161

■ 4.8286, 7.5262,
7.4677

■ 87.7734, 107.8958,
113.1110

■ 2.1808, 3.7933,
3.6734

■ 113.2084,
137.4527, 144.5231

■ 0.7326, 1.5586,
1.4479

143.1358,
171.9673, 181.2708

■ 0.0000, 0.3295,
0.1787

177.9211,

■ 0.0000, 0.0000,

211.8241, 223.7727

0.0000

217.9296,
257.4075, 272.4473

■ 23.6514, 31.5582,
32.4486

■ 23.6514, 31.5582,
32.4486

■ 21.7367, 30.6108,
30.6040

■ 25.9466, 32.7019,
34.3803

■ 20.1768, 29.8440,
28.8426

■ 28.6406, 34.0488,
36.3987

■ 18.9471, 29.2460,
27.1631


■ 31.7539, 35.6103,
38.5060


■ 18.0185, 28.8017,
25.5634


■ 35.3044, 37.3957,
40.7040


■ 17.3566, 28.4935,
24.0410

■ 39.3094, 39.4138,
42.9941

 16.9266, 28.2997,
22.7632

 43.7849, 41.6729,
45.3777

 48.7464, 44.1809,
47.8562

 54.2083, 46.9453,
50.4310

 60.1848, 49.9734,
53.1034

Harmonies

Analogous

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



24.7418, 31.5582, 24.0963



23.6514, 31.5582, 32.4486



24.1479, 31.5582, 43.1424

Triad

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



23.6514, 31.5582, 32.4486



32.9221, 31.5582, 55.6461



34.1927, 31.5582, 20.7018

Complementary

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



23.6514, 31.5582, 32.4486



22.8874, 17.7875, 18.4480

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.



36.7174, 31.5582, 26.8611



23.6514, 31.5582, 32.4486



35.9439, 31.5582, 47.1928

Square

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



23.6514, 31.5582, 32.4486



29.3195, 31.5582, 57.9589



37.3824, 31.5582, 36.3482



30.6810, 31.5582, 18.2360

Rectangle

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



23.6514, 31.5582, 32.4486



25.3338, 31.5582, 50.0657



37.3824, 31.5582, 36.3482



35.1957, 31.5582, 22.3415

Sweetspot

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



23.6523, 31.5595, 32.4493



56.2696, 63.4733, 68.5711



22.7016, 31.4285, 16.1798



12.1471, 13.7989, 14.8896



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.6523, 31.5595, 32.4493



39.3408, 55.0239, 55.2331



22.4909, 26.7963, 39.5855



7.1957, 7.9791, 8.6422



12.8261, 21.4168, 17.3325



0.2873, 0.4571, 0.4581

Inverse Universe

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



22.8874, 17.7875, 18.4480



37.8018, 27.1222, 26.9199



23.5660, 20.6439, 14.0526



7.1472, 7.1153, 7.7615



12.0964, 6.1946, 2.4326



0.2725, 0.1375, 0.1479

Previews

White Background



This preview shows how the XYZ color 23.6514, 31.5582, 32.4486 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.6514, 31.5582, 32.4486 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 ✓ Pass

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

XYZ 23.6514, 31.5582, 32.4486

Background



This preview shows how black text looks on a background with the XYZ color 23.6514, 31.5582, 32.4486.



This preview shows how white text looks on a background with the XYZ color 23.6514, 31.5582,

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

23.6514, 31.5582, 32.4486

Protanopia

29.6314, 31.1654, 28.8799

Deuteranopia

31.7455, 31.2088, 33.6289



Tritanopia

26.0938, 31.4888, 44.7471

Trichromacy



Original Color

23.6514, 31.5582, 32.4486

Protanomaly

26.7626, 30.8808, 30.1412

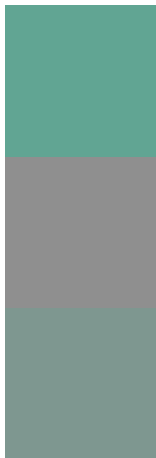
Deuteranomaly

28.0451, 30.9759, 33.3550

Tritanomaly

24.9880, 31.2877, 39.8441

Monochromacy



Original Color

23.6514, 31.5582, 32.4486

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.7048, 28.5825, 30.6004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6514, 31.5582, 32.4486 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(97, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(97, 165, 147)  
}
```

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(97, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 165, 147) }
```

Border

The CSS property to change the border of an element to XYZ 23.6514, 31.5582, 32.4486 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(97, 165, 147) }
```


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

```
.border{ border-color:rgb(97, 165, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 165, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(97, 165,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6514, 31.5582, 32.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 165, 147) }
```

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

```
.background{ background-color: rgb(97, 165,  
147) }
```

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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