

Converting Colors

XYZ(16.1834, 24.2840, 23.1063)

Have a look what the booklet for
XYZ(16.1834, 24.2840, 23.1063)
contains.

XYZ(16.2365, 24.3708, 23.2503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2365, 24.3708,
23.2503)**

Conversions

Conversions Part 1

Format	Color
Hex	35977D
RGB	53, 151, 125
RGB Percent	21%, 59%, 49%
CMY	0.7921, 0.4078, 0.5098
CMYK	0.65, 0.00, 0.17, 0.41
HSL	164°, 48%, 40%
HSV	164°, 65%, 59%
XYZ	16.2365, 24.3708, 23.2503
YIQ	118.7340, -50.0620, -28.8620

Conversions

Conversions Part 2

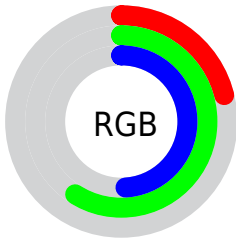
Format	Color
RYB	53, 109, 151
Decimal	3512189
CIELab	56.46, -34.88, 5.38
CIElCh	56, 35.298, 171.226
Yxy	24.3708, 0.2543, 0.3816
Android (android.graphics.Color)	4281702269 (0xFF35977D)
YUV	118.7340, 3.0891, -57.6487
Hunter-Lab	49.3668, -27.6841, 6.6329

Details

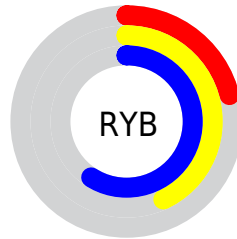
The XYZ color **16.2365, 24.3708, 23.2503** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.4477, 9.6907, 8.4544**, and the grayscale version is **17.4531, 18.3620, 19.9962**.

A 20% lighter version of the original color is **36.6627, 50.7365, 49.9803**, and **5.7663, 9.4455, 8.3567** is the 20% darker color. If you saturate the color by 10%, you get **15.3137, 23.9247, 21.8983**, and if you desaturate by 10%, it is **17.4212, 24.9519, 24.6696**.

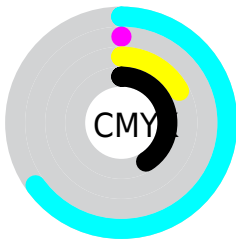
Distribution



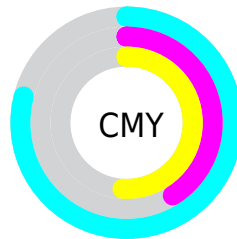
- Red (21%)
- Green (59%)
- Blue (49%)



- Red (21%)
- Yellow (43%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (79%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2365, 24.3708, 23.2503 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 16.2365, 24.3708, 23.2503 by changing the saturation by 10% instead.

■ 16.2365, 24.3708,
23.2503

■ 16.2365, 24.3708,
23.2503

223.9763,
274.6898, 282.1715

■ 9.7836, 15.6089,
14.5714

■ 36.5624, 50.6346,
49.7324

■ 5.3169, 9.2478,
8.3759

■ 51.1661, 68.9053,
68.3727

■ 2.4710, 4.9032,
4.2452

■ 69.2175, 91.1144,
91.1705

■ 0.8807, 2.1906,
1.7608

■ 91.0818, 117.6464,
118.5443

■ 0.0000, 0.7148,
0.4019

■ 117.1245,
148.8854, 150.9128

■ 0.0000, 0.0000,
0.0000

147.7109,

185.2161, 188.6945

183.2064,
227.0228, 232.3079

■ 16.2365, 24.3708,
23.2503

■ 16.2365, 24.3708,
23.2503

■ 15.3137, 23.9247,
21.8983

■ 17.4212, 24.9519,
24.6696

■ 14.6261, 23.5980,
20.6100

■ 18.8870, 25.6762,
26.1560

■ 14.1431, 23.3756,
19.3839

■ 20.6538, 26.5545,
27.7116

■ 13.9329, 23.2804,
18.7803

■ 22.7390, 27.5956,
29.3379

■ 25.1587, 28.8079,
31.0361

■ 27.9278, 30.1991,
32.8076

■ 31.0604, 31.7764,
34.6535

■ 34.5697, 33.5466,
36.5751

■ 38.4683, 35.5162,
38.5735

Harmonies

Analogous

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



17.5644, 24.3708, 14.7950



16.2365, 24.3708, 23.2503



16.5869, 24.3708, 35.5404

Triad

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



16.2365, 24.3708, 23.2503



26.1251, 24.3708, 53.5096



28.4385, 24.3708, 12.5790

Complementary

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



16.2365, 24.3708, 23.2503



15.4477, 9.6907, 8.4544

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.



31.2831, 24.3708, 19.1969



16.2365, 24.3708, 23.2503



29.8421, 24.3708, 43.2614

Square

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



16.2365, 24.3708, 23.2503



21.9862, 24.3708, 55.5504



31.8249, 24.3708, 30.1168



24.3825, 24.3708, 9.9357

Rectangle

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



16.2365, 24.3708, 23.2503



17.7446, 24.3708, 44.2905



31.8249, 24.3708, 30.1168



29.5871, 24.3708, 14.3012

Sweetspot

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



16.2372, 24.3718, 23.2509



43.0367, 50.5777, 54.2007



14.9456, 24.0593, 7.2248



9.5238, 11.3665, 12.1366



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.2372, 24.3718, 23.2509



26.8001, 42.5464, 38.1258



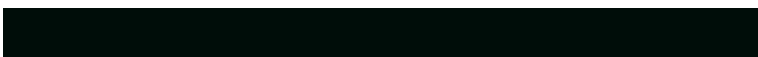
14.7915, 18.4653, 32.0639



6.3146, 6.9986, 7.5800



11.8648, 19.8094, 16.0403



0.1921, 0.3020, 0.3172

Inverse Universe

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



15.4477, 9.6907, 8.4544



25.3208, 14.1623, 9.7521



15.9812, 11.9876, 4.8402



6.2728, 6.2483, 6.8164



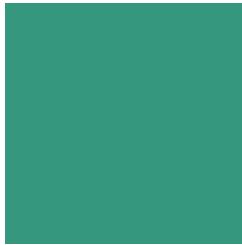
11.1947, 5.7321, 2.2841



0.1809, 0.0911, 0.1052

Previews

White Background



This preview shows how the XYZ color 16.2365, 24.3708, 23.2503 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 16.2365, 24.3708, 23.2503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

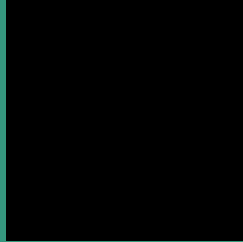
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.2365, 24.3708, 23.2503

Background



This preview shows how black text looks on a background with the XYZ color 16.2365, 24.3708, 23.2503.



This preview shows how white text looks on a background with the XYZ color 16.2365, 24.3708,

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

16.2365, 24.3708, 23.2503

Protanopia

22.6620, 23.9739, 19.9560

Deuteranopia

24.4063, 23.9665, 24.4587



Tritanopia

18.7652, 24.2197, 36.0336

Trichromacy



Original Color

16.2365, 24.3708, 23.2503

Protanomaly

19.0145, 23.3393, 20.9555

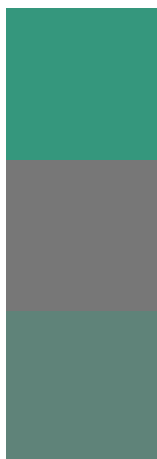
Deuteranomaly

19.9242, 23.3129, 23.8718

Tritanomaly

17.7648, 24.2793, 30.9442

Monochromacy



Original Color

16.2365, 24.3708, 23.2503

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.2868, 20.0460, 21.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2365, 24.3708, 23.2503 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(53, 151, 125)` looks like.

```
.text, #text, p{  
    color:rgb(53, 151, 125)  
}
```

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(53, 151, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 151, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.2365, 24.3708, 23.2503 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(53, 151, 125) }
```


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

```
.border{ border-color:rgb(53, 151, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 151, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 151, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 151, 125);  
box-shadow:4px 4px 4px 4px rgb(53, 151,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2365, 24.3708, 23.2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 151, 125) }
```

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

```
.background{ background-color: rgb(53, 151,  
125) }
```

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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