

Converting Colors

XYZ(16.2673, 19.0962, 25.1754)

Have a look what the booklet for
XYZ(16.2673, 19.0962, 25.1754)
contains.

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Color

**XYZ(16.2366, 19.1475,
25.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7F85
RGB	92, 127, 133
RGB Percent	36%, 50%, 52%
CMY	0.6392, 0.5020, 0.4784
CMYK	0.31, 0.05, 0.00, 0.48
HSL	189°, 18%, 44%
HSV	189°, 31%, 52%
XYZ	16.2366, 19.1475, 25.0304
YIQ	117.2190, -22.7860, -5.5540

Conversions

Conversions Part 2

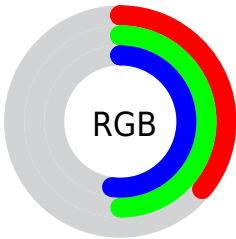
Format	Color
R_{YB}	92, 111, 133
Decimal	6061957
CIE _{Lab}	50.86, -10.76, -7.24
CIE _{LCh}	51, 12.967, 213.958
Yxy	19.1475, 0.2688, 0.3169
Android (android.graphics.Color)	4284252037 (0xFF5C7F85)
YUV	117.2190, 7.7800, -22.1171
Hunter-Lab	43.7579, -10.3428, -3.2846

Details

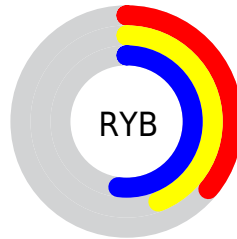
The XYZ color **16.2366, 19.1475, 25.0304** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.9725, 14.4947, 12.0814**, and the grayscale version is **16.9585, 17.8417, 19.4296**.

A 20% lighter version of the original color is **36.6858, 42.1170, 52.6502**, and **5.3209, 6.6025, 9.3815** is the 20% darker color. If you saturate the color by 10%, you get **14.7742, 18.0246, 24.8911**, and if you desaturate by 10%, it is **17.9383, 20.4020, 25.1832**.

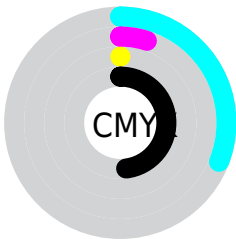
Distribution



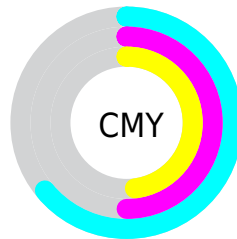
- Red (36%)
- Green (50%)
- Blue (52%)



- Red (36%)
- Yellow (44%)
- Blue (52%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (64%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2366, 19.1475, 25.0304 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 16.2366, 19.1475, 25.0304 by changing the saturation by 10% instead.

■ 16.2366, 19.1475,
25.0304

■ 16.2366, 19.1475,
25.0304

223.9769,
247.2618, 291.4418

■ 9.7836, 11.7769,
15.8805

■ 36.5626, 41.9832,
52.6713

■ 5.3169, 6.5920,
9.2862

■ 51.1664, 58.2171,
71.9993

■ 2.4710, 3.2083,
4.8290

■ 69.2178, 78.1742,
95.5571

■ 0.8807, 1.2414,
2.0903

■ 91.0822, 102.2389,
123.7632

■ 0.0000, 0.0951,
0.6100

117.1249,
130.7956, 157.0362

■ 0.0000, 0.0000,
0.0000

147.7114,

164.2288, 195.7946

183.2069,
202.9227, 240.4570

■ 16.2366, 19.1475,
25.0304

■ 16.2366, 19.1475,
25.0304

■ 14.7742, 18.0246,
24.8911

■ 17.9383, 20.4020,
25.1832

■ 13.5370, 17.0245,
24.7632

■ 19.8890, 21.7915,
25.3486

■ 12.5125, 16.1411,
24.6467

■ 22.0997, 23.3224,
25.5275

■ 11.6858, 15.3668,
24.5408

■ 24.5805, 24.9998,
25.7206

■ 11.0402, 14.6929,
24.4448

■ 27.3408, 26.8287,
25.9281

■ 10.5563, 14.1094,
24.3577

■ 30.3895, 28.8138,
26.1506

■ 10.1995, 13.6251,
24.2830

■ 33.7354, 30.9594,
26.3884

■ 37.3865, 33.2698,
26.6419

■ 41.3508, 35.7493,
26.9115

Harmonies

Analogous

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



15.8567, 19.1475, 21.3378



16.2366, 19.1475, 25.0304



17.1418, 19.1475, 27.8300

Triad

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



16.2366, 19.1475, 25.0304



20.4967, 19.1475, 24.0922



18.0301, 19.1475, 14.5878

Complementary

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



16.2366, 19.1475, 25.0304



15.9725, 14.4947, 12.0814

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.



19.2991, 19.1475, 15.1445



16.2366, 19.1475, 25.0304



20.7615, 19.1475, 20.3665

Square

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



16.2366, 19.1475, 25.0304



19.6061, 19.1475, 27.2454



20.3137, 19.1475, 17.1602



16.8611, 19.1475, 15.5403

Rectangle

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



16.2366, 19.1475, 25.0304



17.9418, 19.1475, 28.6566



20.3137, 19.1475, 17.1602



18.4589, 19.1475, 14.6054

Sweetspot

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



16.2372, 19.1483, 25.0308



36.2266, 39.4508, 45.4438



14.9810, 19.9225, 14.4798



8.0543, 8.8129, 10.2292



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.2372, 19.1483, 25.0308



27.1960, 32.8550, 44.6467



13.9088, 14.4915, 24.2547



4.7451, 5.1659, 5.9478



9.7196, 12.9870, 23.1312



0.0376, 0.0528, 0.0814

Inverse Universe

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



17.3312, 14.1735, 21.9019



29.5187, 22.5997, 37.9347



18.0795, 18.7086, 12.7838



4.8294, 4.7514, 5.7139



12.0841, 5.8980, 15.5472



0.0438, 0.0212, 0.0643

Previews

White Background



This preview shows how the XYZ color 16.2366, 19.1475, 25.0304 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 16.2366, 19.1475, 25.0304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

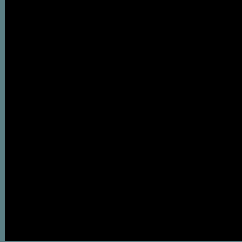
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.2366, 19.1475, 25.0304

Background



This preview shows how black text looks on a background with the XYZ color 16.2366, 19.1475, 25.0304.



This preview shows how white text looks on a background with the XYZ color 16.2366, 19.1475,

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

16.2366, 19.1475, 25.0304

Protanopia

18.5641, 19.0829, 23.4738

Deuteranopia

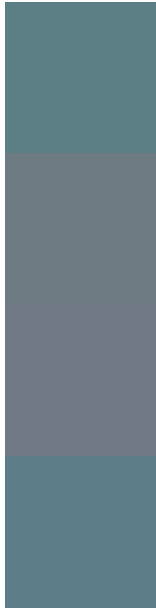
19.4558, 19.1418, 25.5910



Tritanopia

16.4904, 19.0550, 26.4758

Trichromacy



Original Color

16.2366, 19.1475, 25.0304

Protanomaly

17.5426, 19.0926, 23.8797

Deuteranomaly

18.0799, 18.9734, 25.2636

Tritanomaly

16.4190, 19.0264, 26.0996

Monochromacy



Original Color

16.2366, 19.1475, 25.0304

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5969, 18.2929, 21.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2366, 19.1475, 25.0304 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(92, 127, 133)` looks like.

```
.text, #text, p{  
  color:rgb(92, 127, 133)  
}
```

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(92, 127, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 127, 133) }
```

Border

The CSS property to change the border of an element to XYZ 16.2366, 19.1475, 25.0304 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(92, 127, 133) }
```


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

```
.border{ border-color:rgb(92, 127, 133) }
```

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

Here you see how a box with a 4 pixel rgb(92, 127, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 127, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 127, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 127,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2366, 19.1475, 25.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 127, 133) }
```

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

```
.background{ background-color: rgb(92, 127,  
133) }
```

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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