

Converting Colors

XYZ(16.6196, 20.8988, 25.4108)

Have a look what the booklet for
XYZ(16.6196, 20.8988, 25.4108)
contains.

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Color

**XYZ(16.6439, 20.9527,
25.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	558785
RGB	85, 135, 133
RGB Percent	33%, 53%, 52%
CMY	0.6667, 0.4706, 0.4784
CMYK	0.37, 0.00, 0.01, 0.47
HSL	178°, 23%, 43%
HSV	178°, 37%, 53%
XYZ	16.6439, 20.9527, 25.3573
YIQ	119.8220, -29.1580, -11.2220

Conversions

Conversions Part 2

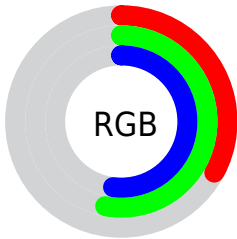
Format	Color
RYB	85, 111, 135
Decimal	5605253
CIELab	52.90, -17.24, -4.26
CIElCh	53, 17.759, 193.878
Yxy	20.9527, 0.2644, 0.3328
Android (android.graphics.Color)	4283795333 (0xFF558785)
YUV	119.8220, 6.4968, -30.5389
Hunter-Lab	45.7741, -15.2004, -0.8028

Details

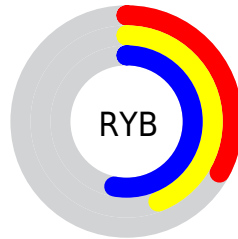
The XYZ color **16.6439, 20.9527, 25.3573** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9612, 12.3366, 10.6103**, and the grayscale version is **17.7828, 18.7089, 20.3740**.

A 20% lighter version of the original color is **37.1627, 44.8300, 53.1487**, and **5.5084, 7.4772, 9.5404** is the 20% darker color. If you saturate the color by 10%, you get **15.4963, 20.3659, 25.1096**, and if you desaturate by 10%, it is **18.0268, 21.6618, 25.6179**.

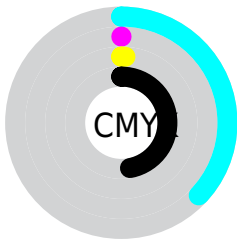
Distribution



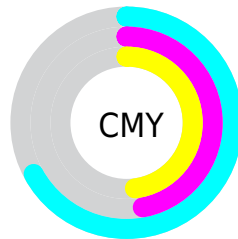
- Red (33%)
- Green (53%)
- Blue (52%)



- Red (33%)
- Yellow (44%)
- Blue (53%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6439, 20.9527, 25.3573 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 16.6439, 20.9527, 25.3573 by changing the saturation by 10% instead.

■ 16.6439, 20.9527,
25.3573

■ 16.6439, 20.9527,
25.3573

226.3083,
257.0270, 293.1171

■ 10.0747, 13.0894,
16.1220

■ 37.2610, 45.0088,
53.2076

■ 5.5111, 7.4902,
9.4552

■ 52.0395, 61.9704,
72.6596

■ 2.5880, 3.7705,
4.9384

■ 70.2852, 82.7336,
96.3544

■ 0.9398, 1.5460,
2.1531

■ 92.3634, 107.6828,
124.7103

■ 0.0000, 0.3208,
0.6471

■ 118.6395,
137.2023, 158.1460

■ 0.0000, 0.0000,
0.0000

149.4787,

171.6766, 197.0800

185.2466,
211.4900, 241.9309

■ 16.6439, 20.9527,
25.3573

■ 16.6439, 20.9527,
25.3573

■ 15.4963, 20.3659,
25.1096

■ 18.0268, 21.6618,
25.6179

■ 14.5687, 19.8920,
24.8728

■ 19.6555, 22.4971,
25.8906

■ 13.8472, 19.5243,
24.6465

■ 21.5420, 23.4652,
26.1763

■ 13.3153, 19.2543,
24.4302

■ 23.6969, 24.5717,
26.4757

■ 12.9539, 19.0722,
24.2228

■ 26.1305, 25.8219,
26.7890

■ 12.7274, 18.9597,
24.0228

■ 28.8522, 27.2205,
27.1169

■ 12.6667, 18.9296,
23.9640

■ 31.8713, 28.7725,
27.4597

■ 35.1964, 30.4821,
27.8178

■ 38.8358, 32.3538,
28.1916

Harmonies

Analogous

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



16.6760, 20.9527, 20.0890



16.6439, 20.9527, 25.3573



17.4490, 20.9527, 30.6665

Triad

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



16.6439, 20.9527, 25.3573



22.4954, 20.9527, 31.0128



20.9236, 20.9527, 14.3283

Complementary

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



16.6439, 20.9527, 25.3573



14.9612, 12.3366, 10.6103

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.



22.6028, 20.9527, 16.4312



16.6439, 20.9527, 25.3573



23.5481, 20.9527, 25.7747

Square

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



16.6439, 20.9527, 25.3573



20.7842, 20.9527, 34.2589



23.5887, 20.9527, 20.4466



19.0702, 20.9527, 14.2524

Rectangle

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



16.6439, 20.9527, 25.3573



18.3830, 20.9527, 33.2894



23.5887, 20.9527, 20.4466



21.5297, 20.9527, 14.8049

Sweetspot

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



16.6445, 20.9535, 25.3578



37.0964, 41.2606, 46.6566



14.2816, 20.0351, 11.7092



8.5005, 9.5090, 10.7914



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.6445, 20.9535, 25.3578



28.1385, 36.6688, 45.0541



13.9696, 15.3802, 25.1550



4.7938, 5.2757, 5.9253



11.6810, 17.4552, 22.1032



0.0411, 0.0607, 0.0798

Inverse Universe

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



14.9612, 12.3366, 10.6103



24.6908, 19.0115, 14.8430



16.9421, 16.4274, 10.8726



4.6796, 4.6915, 4.9249



9.2421, 4.7612, 0.5814



0.0325, 0.0167, 0.0044

Previews

White Background



This preview shows how the XYZ color 16.6439, 20.9527, 25.3573 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 16.6439, 20.9527, 25.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

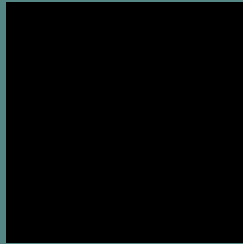
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6439, 20.9527, 25.3573

Background



This preview shows how black text looks on a background with the XYZ color 16.6439, 20.9527, 25.3573.



This preview shows how white text looks on a background with the XYZ color 16.6439, 20.9527,

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

16.6439, 20.9527, 25.3573

Protanopia

19.9168, 20.7116, 23.0267

Deuteranopia

21.0763, 20.6832, 26.1740



Tritanopia

17.4461, 20.8634, 29.4931

Trichromacy



Original Color

16.6439, 20.9527, 25.3573

Protanomaly

18.4948, 20.7302, 23.7954

Deuteranomaly

19.1650, 20.6410, 25.8957

Tritanomaly

17.1892, 20.9699, 27.9526

Monochromacy



Original Color

16.6439, 20.9527, 25.3573

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.0987, 19.2737, 22.2210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6439, 20.9527, 25.3573 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(85, 135, 133)` looks like.

```
.text, #text, p{  
    color:rgb(85, 135, 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(85, 135, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 135, 133) }
```

Border

The CSS property to change the border of an element to XYZ 16.6439, 20.9527, 25.3573 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(85, 135, 133) }
```


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

```
.border{ border-color:rgb(85, 135, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 135, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 135, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 135, 133);  
box-shadow:4px 4px 4px 4px rgb(85, 135,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6439, 20.9527, 25.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 135, 133) }
```

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

```
.background{ background-color: rgb(85, 135,  
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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