

Converting Colors

XYZ(20.6318, 26.3228, 26.8388)

Have a look what the booklet for
XYZ(20.6318, 26.3228, 26.8388)
contains.

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Color

**XYZ(20.6463, 26.3287,
26.9154)**

Conversions

Conversions Part 1

Format	Color
Hex	659687
RGB	101, 150, 135
RGB Percent	40%, 59%, 53%
CMY	0.6039, 0.4118, 0.4706
CMYK	0.33, 0.00, 0.10, 0.41
HSL	162°, 20%, 49%
HSV	162°, 33%, 59%
XYZ	20.6463, 26.3287, 26.9154
YIQ	133.6390, -24.3890, -15.0530

Conversions

Conversions Part 2

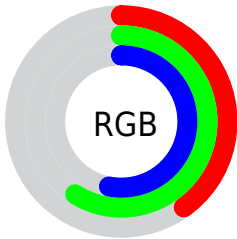
Format	Color
RYB	101, 130, 150
Decimal	6657671
CIELab	58.35, -19.90, 2.67
CIElCh	58, 20.078, 172.368
Yxy	26.3287, 0.2794, 0.3563
Android (android.graphics.Color)	4284847751 (0xFF659687)
YUV	133.6390, 0.6710, -28.6244
Hunter-Lab	51.3115, -17.9718, 4.8175

Details

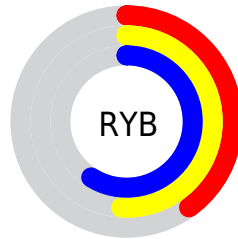
The XYZ color **20.6463, 26.3287, 26.9154** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3846, 17.0529, 18.7411**, and the grayscale version is **22.5322, 23.7056, 25.8154**.

A 20% lighter version of the original color is **43.8068, 53.5889, 55.6118**, and **7.4668, 10.2834, 10.1857** is the 20% darker color. If you saturate the color by 10%, you get **18.8014, 25.4149, 25.1778**, and if you desaturate by 10%, it is **22.8132, 27.4083, 28.7420**.

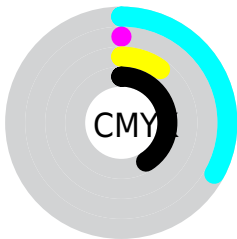
Distribution



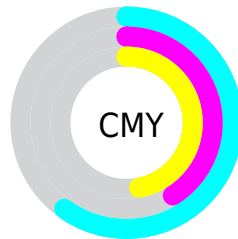
- Red (40%)
- Green (59%)
- Blue (53%)



- Red (40%)
- Yellow (51%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6463, 26.3287, 26.9154 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 20.6463, 26.3287, 26.9154 by changing the saturation by 10% instead.

■ 20.6463, 26.3287,
26.9154

■ 20.6463, 26.3287,
26.9154

248.1602,
284.3919, 300.9945

■ 12.9767, 17.0697,
17.2778

■ 43.9939, 53.8047,
55.7502

■ 7.4894, 10.2842,
10.2687

■ 60.4025, 72.7906,
75.7844

■ 3.8190, 5.5878,
5.4696

■ 80.4549, 95.7875,
100.1214

■ 1.6003, 2.5961,
2.4618

■ 104.5164,
123.1799, 129.1794

■ 0.3926, 0.9247,
0.8198

132.9523,
155.3521, 163.3773

■ 0.0000, 0.0000,
0.0000

166.1280,

192.6886, 203.1333

204.4088,
235.5737, 248.8662

■ 20.6463, 26.3287,
26.9154

■ 20.6463, 26.3287,
26.9154

■ 18.8014, 25.4149,
25.1778

■ 22.8132, 27.4083,
28.7420

■ 17.2595, 24.6549,
23.5258

■ 25.3154, 28.6584,
30.6574

■ 16.0027, 24.0404,
21.9581

■ 28.1684, 30.0877,
32.6639

■ 15.0106, 23.5608,
20.4728

■ 31.3857, 31.7032,
34.7628

■ 14.2597, 23.2040,
19.0679

■ 34.9803, 33.5115,
36.9557

■ 13.7223, 22.9558,
17.7411

■ 38.9645, 35.5189,
39.2440

■ 13.4096, 22.8148,
16.8148

■ 43.3501, 37.7315,
41.6290

■ 48.1482, 40.1550,
44.1120

■ 53.3696, 42.7950,
46.6944

Harmonies

Analogous

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



21.4815, 26.3287, 21.2041



20.6463, 26.3287, 26.9154



20.9222, 26.3287, 34.1053

Triad

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



20.6463, 26.3287, 26.9154



26.8576, 26.3287, 43.0158



28.0078, 26.3287, 19.2681

Complementary

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



20.6463, 26.3287, 26.9154



20.3846, 17.0529, 18.7411

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.



29.6311, 26.3287, 23.8407



20.6463, 26.3287, 26.9154



28.9374, 26.3287, 37.7041

Square

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



20.6463, 26.3287, 26.9154



24.4051, 26.3287, 44.1985



29.9819, 26.3287, 30.4940



25.6545, 26.3287, 17.2817

Rectangle

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



20.6463, 26.3287, 26.9154



21.7079, 26.3287, 38.7369



29.9819, 26.3287, 30.4940



28.6631, 26.3287, 20.5143

Sweetspot

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



20.6470, 26.3298, 26.9160



45.8593, 51.1667, 54.9608



20.5274, 26.5019, 16.3456



10.0274, 11.2713, 12.0822



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.



20.6470, 26.3298, 26.9160



34.0665, 45.2888, 45.3047



20.4000, 24.0244, 32.4175



5.8893, 6.5323, 7.0278



11.1358, 18.9271, 14.0227



0.1495, 0.2369, 0.2411

Inverse Universe

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



20.3846, 17.0529, 18.7411



33.5353, 26.3849, 28.6643



20.5016, 18.5725, 14.8165



5.8696, 5.8429, 6.4192



10.8524, 5.5460, 2.7038



0.1448, 0.0727, 0.0961

Previews

White Background



This preview shows how the XYZ color 20.6463, 26.3287, 26.9154 looks on a white background.

Color Contrast Check

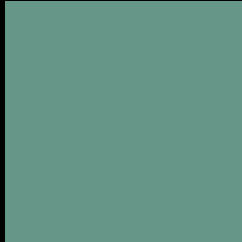
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6463, 26.3287, 26.9154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

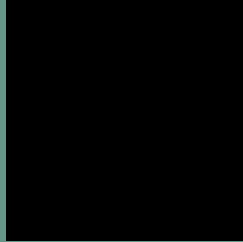
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6463, 26.3287, 26.9154

Background



This preview shows how black text looks on a background with the XYZ color 20.6463, 26.3287, 26.9154.



This preview shows how white text looks on a background with the XYZ color 20.6463, 26.3287,

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

20.6463, 26.3287, 26.9154

Protanopia

24.8721, 26.0700, 24.4900

Deuteranopia

26.5778, 26.0329, 27.6688



Tritanopia

22.5491, 26.4002, 36.2550

Trichromacy



Original Color

20.6463, 26.3287, 26.9154

Protanomaly

22.9725, 25.9507, 25.2709

Deuteranomaly

23.8851, 25.7132, 27.3712

Tritanomaly

21.8038, 26.3249, 32.7862

Monochromacy



Original Color

20.6463, 26.3287, 26.9154

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7072, 24.6150, 26.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6463, 26.3287, 26.9154 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(101, 150, 135)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 135)  
}
```

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(101, 150, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.6463, 26.3287, 26.9154 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(101, 150, 135) }
```


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

```
.border{ border-color:rgb(101, 150, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 135);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6463, 26.3287, 26.9154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 135) }
```

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

```
.background{ background-color: rgb(101,  
150, 135) }
```

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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