

Converting Colors

XYZ(16.6844, 20.6024, 30.4212)

Have a look what the booklet for
XYZ(16.6844, 20.6024, 30.4212)
contains.

XYZ(16.6939, 20.6620, 30.3024)	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(16.6939, 20.6620,
30.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8692
RGB	76, 134, 146
RGB Percent	30%, 53%, 57%
CMY	0.7019, 0.4745, 0.4274
CMYK	0.48, 0.08, 0.00, 0.43
HSL	190°, 32%, 44%
HSV	190°, 48%, 57%
XYZ	16.6939, 20.6620, 30.3024
YIQ	118.0260, -38.4200, -8.5640

Conversions

Conversions Part 2

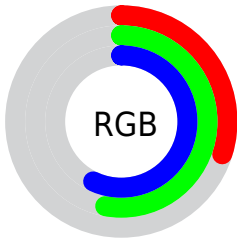
Format	Color
R_{YB}	76, 108, 146
Decimal	5015186
CIE _{Lab}	52.58, -15.58, -12.34
CIE _{LCh}	53, 19.876, 218.380
Yxy	20.6620, 0.2467, 0.3054
Android (android.graphics.Color)	4283205266 (0xFF4C8692)
YUV	118.0260, 13.7912, -36.8568
Hunter-Lab	45.4555, -13.9915, -7.7062

Details

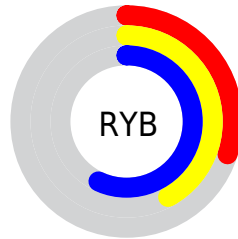
The XYZ color **16.6939, 20.6620, 30.3024** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6487, 13.6127, 8.5881**, and the grayscale version is **17.1954, 18.0909, 19.7010**.

A 20% lighter version of the original color is **37.2489, 44.3779, 61.2461**, and **5.5311, 7.3138, 12.1865** is the 20% darker color. If you saturate the color by 10%, you get **15.3213, 19.4474, 30.1407**, and if you desaturate by 10%, it is **18.3392, 22.0303, 30.4802**.

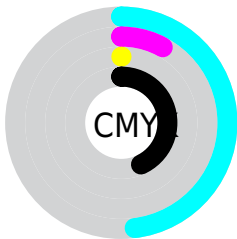
Distribution



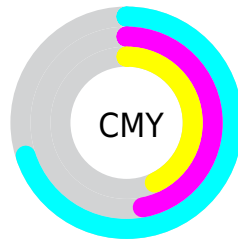
- Red (30%)
- Green (53%)
- Blue (57%)



- Red (30%)
- Yellow (42%)
- Blue (57%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (43%)



- Cyan (70%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6939, 20.6620, 30.3024 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 16.6939, 20.6620, 30.3024 by changing the saturation by 10% instead.

■ 16.6939, 20.6620,
30.3024

■ 16.6939, 20.6620,
30.3024

■ 226.5930,
255.4767, 317.5625

■ 10.1104, 12.8772,
19.8142

■ 37.3465, 44.5243,
61.2067

■ 5.5351, 7.3440,
12.0773

■ 52.1464, 61.3706,
82.4600

■ 2.6024, 3.6782,
6.6732

■ 70.4158, 82.0061,
108.1386

■ 0.9472, 1.4952,
3.1832

■ 92.5201, 106.8154,
138.6613

■ 0.0000, 0.2854,
1.1889

■ 118.8246,
136.1826, 174.4465

■ 0.0000, 0.0000,
0.0000

149.6946,

170.4923, 215.9127

185.4957,
210.1289, 263.4786

■ 16.6939, 20.6620,
30.3024

■ 16.6939, 20.6620,
30.3024

■ 15.3213, 19.4474,
30.1407

■ 18.3392, 22.0303,
30.4802

■ 14.2015, 18.3747,
29.9926

■ 20.2717, 23.5584,
30.6733

■ 13.3146, 17.4341,
29.8578

■ 22.5072, 25.2550,
30.8829

■ 12.6371, 16.6133,
29.7351

■ 25.0596, 27.1274,
31.1098

■ 12.1229, 15.8886,
29.6223

■ 27.9420, 29.1824,
31.3545

■ 12.0226, 15.7438,
29.5997

■ 31.1669, 31.4265,
31.6177

■ 34.7460, 33.8658,
31.8999

■ 38.6903, 36.5061,
32.2016

■ 43.0106, 39.3530,
32.5235

Harmonies

Analogous

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



15.9743, 20.6620, 24.1917



16.6939, 20.6620, 30.3024



18.2148, 20.6620, 34.7791

Triad

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



16.6939, 20.6620, 30.3024



23.5565, 20.6620, 26.9420



19.0669, 20.6620, 13.0361

Complementary

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



16.6939, 20.6620, 30.3024



16.6487, 13.6127, 8.5881

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.



21.1347, 20.6620, 13.5124



16.6939, 20.6620, 30.3024



23.8244, 20.6620, 20.8841

Square

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



16.6939, 20.6620, 30.3024



22.2024, 20.6620, 32.6149



22.9107, 20.6620, 16.1628



17.2802, 20.6620, 14.7239

Rectangle

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



16.6939, 20.6620, 30.3024



19.5268, 20.6620, 35.8510



22.9107, 20.6620, 16.1628



19.7508, 20.6620, 12.9552

Sweetspot

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



16.6945, 20.6628, 30.3029



41.2866, 45.7244, 54.6232



15.0076, 22.7938, 12.7696



8.9961, 10.0326, 12.1345



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.6945, 20.6628, 30.3029



26.7617, 34.0610, 53.1375



12.6629, 12.5995, 28.9590



5.8804, 6.3948, 7.3941



10.5939, 13.8826, 26.0523



0.1476, 0.2058, 0.3249

Inverse Universe

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



18.7421, 13.0017, 24.0768



30.9762, 19.3092, 40.0945



20.2007, 20.7167, 9.7721



5.9931, 5.8923, 7.0697



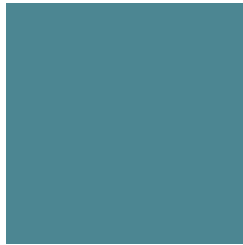
13.4744, 6.5948, 16.5110



0.1740, 0.0843, 0.2498

Previews

White Background



This preview shows how the XYZ color 16.6939, 20.6620, 30.3024 looks on a white background.

Color Contrast Check

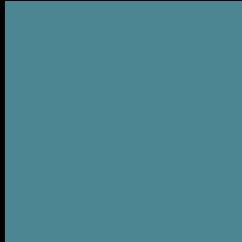
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6939, 20.6620, 30.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

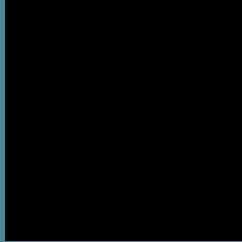
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6939, 20.6620, 30.3024

Background



This preview shows how black text looks on a background with the XYZ color 16.6939, 20.6620, 30.3024.



This preview shows how white text looks on a background with the XYZ color 16.6939, 20.6620,

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

16.6939, 20.6620, 30.3024

Protanopia

20.0362, 20.4903, 27.3251

Deuteranopia

20.8418, 20.4490, 31.2823



Tritanopia

16.6164, 20.6310, 29.8945

Trichromacy



Original Color

16.6939, 20.6620, 30.3024

Protanomaly

18.5455, 20.4555, 28.5620

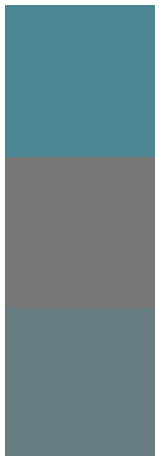
Deuteranomaly

18.8696, 20.1856, 30.9187

Tritanomaly

16.6164, 20.6310, 29.8945

Monochromacy



Original Color

16.6939, 20.6620, 30.3024

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.6975, 18.8574, 23.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6939, 20.6620, 30.3024 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(76, 134, 146)` looks like.

```
.text, #text, p{  
  color:rgb(76, 134, 146)  
}
```

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(76, 134, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 134, 146) }
```

Border

The CSS property to change the border of an element to XYZ 16.6939, 20.6620, 30.3024 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(76, 134, 146) }
```


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

```
.border{ border-color:rgb(76, 134, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 134, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 134, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 134, 146);  
box-shadow:4px 4px 4px 4px rgb(76, 134,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6939, 20.6620, 30.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 134, 146) }
```

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

```
.background{ background-color: rgb(76, 134,  
146) }
```

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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