

Converting Colors

XYZ(24.0870, 30.6338, 36.5434)

Have a look what the booklet for
XYZ(24.0870, 30.6338, 36.5434)
contains.

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Color

**XYZ(24.0862, 30.6334,
36.5416)**

Conversions

Conversions Part 1

Format	Color
Hex	64A19D
RGB	100, 161, 157
RGB Percent	39%, 63%, 62%
CMY	0.6078, 0.3686, 0.3843
CMYK	0.38, 0.00, 0.02, 0.37
HSL	176°, 24%, 51%
HSV	176°, 38%, 63%
XYZ	24.0862, 30.6334, 36.5416
YIQ	142.3050, -35.0720, -14.1760

Conversions

Conversions Part 2

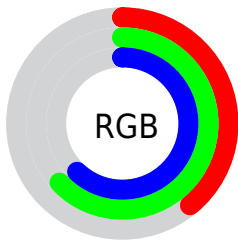
Format	Color
RYB	100, 132, 161
Decimal	6594973
CIELab	62.20, -20.65, -4.16
CIELCh	62, 21.064, 191.402
Yxy	30.6334, 0.2639, 0.3357
Android (android.graphics.Color)	4284785053 (0xFF64A19D)
YUV	142.3050, 7.2446, -37.1015
Hunter-Lab	55.3474, -19.1781, -0.4013

Details

The XYZ color **24.0862, 30.6334, 36.5416** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7549, 17.6918, 15.3661**, and the grayscale version is **25.8148, 27.1592, 29.5764**.

A 20% lighter version of the original color is **49.6402, 60.6849, 70.7251**, and **9.2891, 12.6063, 15.5793** is the 20% darker color. If you saturate the color by 10%, you get **22.3889, 29.7695, 35.9941**, and if you desaturate by 10%, it is **26.1380, 31.6814, 37.1111**.

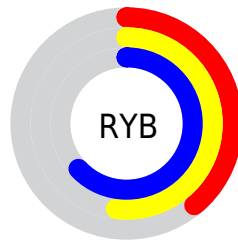
Distribution



Red (39%)

Green (63%)

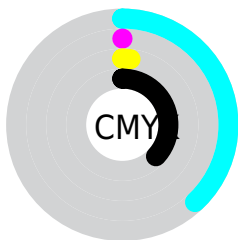
Blue (62%)



Red (39%)

Yellow (52%)

Blue (63%)

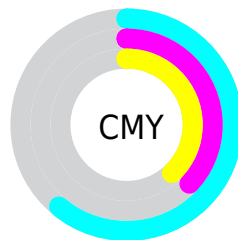


Cyan (38%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (61%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0862, 30.6334, 36.5416 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 24.0862, 30.6334, 36.5416 by changing the saturation by 10% instead.

■ 24.0862, 30.6334,
36.5416

■ 24.0862, 30.6334,
36.5416

265.6884,
304.8458, 346.4304

■ 15.5227, 20.3199,
24.5598

■ 49.6245, 60.6624,
71.0456

■ 9.2757, 12.6278,
15.5333

■ 67.3299, 81.1467,
94.4049

■ 4.9800, 7.1727,
9.0438

■ 88.8134, 105.7900,
122.3938

■ 2.2702, 3.5704,
4.6725

■ 114.4402,
134.9767, 155.4307

■ 0.7793, 1.4363,
2.0011

144.5758,
169.0913, 193.9343

■ 0.0000, 0.2432,
0.5559

179.5854,

■ 0.0000, 0.0000,

208.5181, 238.3231

0.0000

219.8345,
253.6414, 289.0156

■ 24.0862, 30.6334,
36.5416

■ 24.0862, 30.6334,
36.5416

■ 22.3889, 29.7695,
35.9941

■ 26.1380, 31.6814,
37.1111

■ 21.0225, 29.0754,
35.4654

■ 28.5608, 32.9199,
37.7014

■ 19.9650, 28.5405,
34.9552

■ 31.3731, 34.3590,
38.3141

■ 19.1904, 28.1512,
34.4624

■ 34.5917, 36.0075,
38.9498

■ 18.6684, 27.8922,
33.9853

■ 38.2321, 37.8734,
39.6094

■ 18.3466, 27.7362,
33.5217

■ 42.3091, 39.9643,
40.2936

■ 18.2860, 27.7070,
33.4246

■ 46.8369, 42.2874,
41.0030

■ 51.8290, 44.8498,
41.7382

■ 57.2981, 47.6581,
42.4999

Harmonies

Analogous

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



24.2428, 30.6334, 28.6129



24.0862, 30.6334, 36.5416



25.2105, 30.6334, 44.7987

Triad

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



24.0862, 30.6334, 36.5416



32.8775, 30.6334, 46.5090



30.8920, 30.6334, 20.6232

Complementary

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



24.0862, 30.6334, 36.5416



21.7549, 17.6918, 15.3661

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.



33.4056, 30.6334, 24.0470



24.0862, 30.6334, 36.5416



34.6023, 30.6334, 38.5931

Square

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



24.0862, 30.6334, 36.5416



30.2087, 30.6334, 51.1464



34.8017, 30.6334, 30.3584



28.0503, 30.6334, 20.2568

Rectangle

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



24.0862, 30.6334, 36.5416



26.5806, 30.6334, 49.0498



34.8017, 30.6334, 30.3584



31.8080, 30.6334, 21.4251

Sweetspot

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



24.0871, 30.6346, 36.5423



54.4337, 60.6355, 68.2459



20.7627, 29.3581, 16.6296



11.7975, 13.2263, 14.9370



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.0871, 30.6346, 36.5423



40.6667, 53.6035, 64.6574



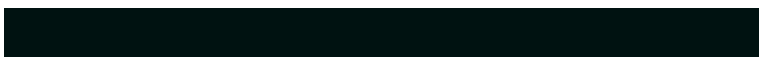
20.2931, 22.4908, 36.9912



7.2560, 8.0032, 8.9596



14.6097, 22.1302, 26.7249



0.3126, 0.4672, 0.5909

Inverse Universe

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



21.7549, 17.6918, 15.3661



35.9162, 27.2174, 21.5070



24.5157, 23.5310, 15.3070



7.0917, 7.0932, 7.4695



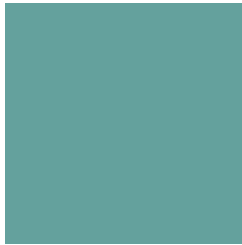
11.7911, 6.0725, 0.8245



0.2531, 0.1297, 0.0453

Previews

White Background



This preview shows how the XYZ color 24.0862, 30.6334, 36.5416 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.0862, 30.6334, 36.5416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

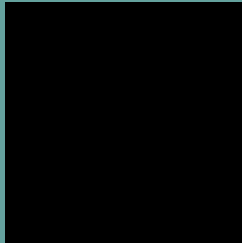
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.0862, 30.6334, 36.5416

Background



This preview shows how black text looks on a background with the XYZ color 24.0862, 30.6334, 36.5416.

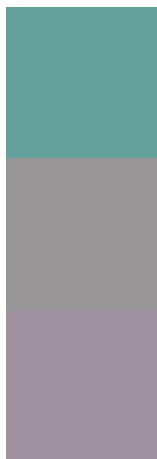


This preview shows how white text looks on a background with the XYZ color 24.0862, 30.6334,

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

24.0862, 30.6334, 36.5416

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

30.7686, 30.1598, 37.4574



Tritanopia

25.5535, 30.7179, 43.6121

Trichromacy



Original Color

24.0862, 30.6334, 36.5416

Protanomaly

26.8139, 30.0689, 34.5276

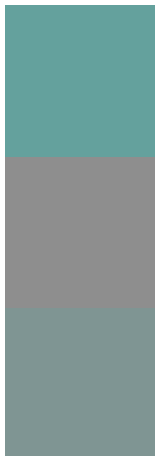
Deuteranomaly

27.8058, 30.0397, 37.1336

Tritanomaly

25.1394, 30.8152, 41.1822

Monochromacy



Original Color

24.0862, 30.6334, 36.5416

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.7663, 28.1135, 31.7249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0862, 30.6334, 36.5416 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(100, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(100, 161, 157)  
}
```

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(100, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 161, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.0862, 30.6334, 36.5416 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(100, 161, 157) }
```


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

```
.border{ border-color:rgb(100, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(100, 161,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0862, 30.6334, 36.5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 161, 157) }
```

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

```
.background{ background-color: rgb(100,  
161, 157) }
```

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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