

Converting Colors

XYZ(30.3075, 36.1277, 50.5974)

Have a look what the booklet for
XYZ(30.3075, 36.1277, 50.5974)
contains.

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Color

**XYZ(30.4171, 36.2995,
50.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	74ABB8
RGB	116, 171, 184
RGB Percent	45%, 67%, 72%
CMY	0.5451, 0.3294, 0.2784
CMYK	0.37, 0.07, 0.00, 0.28
HSL	191°, 32%, 59%
HSV	191°, 37%, 72%
XYZ	30.4171, 36.2995, 50.7508
YIQ	156.0370, -36.9530, -7.6170

Conversions

Conversions Part 2

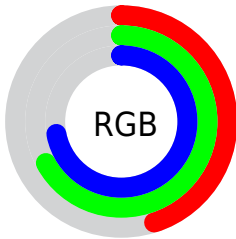
Format	Color
R_{YB}	116, 146, 184
Decimal	7646136
CIE _{Lab}	66.75, -14.67, -12.40
CIE _{LCh}	67, 19.208, 220.205
Yxy	36.2995, 0.2589, 0.3090
Android (android.graphics.Color)	4285836216 (0xFF74ABB8)
YUV	156.0370, 13.7858, -35.1124
Hunter-Lab	60.2491, -15.3191, -7.7686

Details

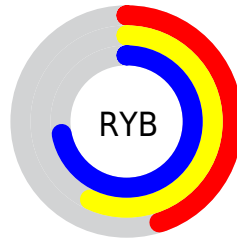
The XYZ color **30.4171, 36.2995, 50.7508** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7704, 27.1524, 20.1431**, and the grayscale version is **31.5696, 33.2136, 36.1697**.

A 20% lighter version of the original color is **59.5021, 69.2300, 92.6647**, and **12.7435, 15.8891, 23.8680** is the 20% darker color. If you saturate the color by 10%, you get **27.5540, 33.8511, 50.4297**, and if you desaturate by 10%, it is **33.7845, 39.0358, 51.1021**.

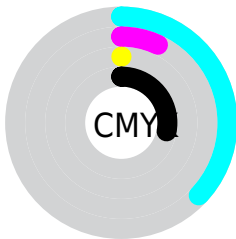
Distribution



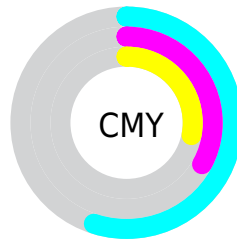
- Red (45%)
- Green (67%)
- Blue (72%)



- Red (45%)
- Yellow (57%)
- Blue (72%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (55%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4171, 36.2995, 50.7508 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 30.4171, 36.2995, 50.7508 by changing the saturation by 10% instead.

■ 30.4171, 36.2995,
50.7508

■ 30.4171, 36.2995,
50.7508

295.7189,
330.2677, 406.4137

■ 20.3050, 24.6656,
35.6350

■ 59.7033, 69.4941,
92.6940

■ 12.7265, 15.8281,
23.8650

■ 79.6081, 91.8236,
120.3585

■ 7.3162, 9.4026,
15.0222

■ 103.5079,
118.4870, 153.0430

■ 3.7087, 5.0047,
8.6882

131.7680,
149.8688, 191.1659

■ 1.5387, 2.2500,
4.4443

164.7539,
186.3534, 235.1460

■ 0.3519, 0.7471,
1.8721

202.8307,

■ 0.0000, 0.0000,

228.3252, 285.4016

0.4749

246.3639,
276.1685, 342.3513

■ 0.0000, 0.0000,
0.0000

■ 30.4171, 36.2995,
50.7508

■ 30.4171, 36.2995,
50.7508

■ 27.5540, 33.8511,
50.4297

■ 33.7845, 39.0358,
51.1021

■ 25.1630, 31.6714,
50.1350

■ 37.6795, 42.0697,
51.4824

■ 23.2134, 29.7449,
49.8659

■ 42.1277, 45.4154,
51.8938

■ 21.6691, 28.0531,
49.6208

■ 47.1522, 49.0850,
52.3372

■ 20.4882, 26.5741,
49.3975

■ 52.7747, 53.0900,
52.8139

■ 19.6123, 25.2775,
49.1934

■ 59.0157, 57.4410,
53.3248

■ 19.3722, 24.9014,
49.1335

■ 65.8949, 62.1484,
53.8709

■ 70.3478, 65.6326,
54.3087

■ 71.1672, 67.2715,
54.5818

Harmonies

Analogous

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



29.3012, 36.2995, 42.4205



30.4171, 36.2995, 50.7508



32.6481, 36.2995, 56.5279

Triad

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



30.4171, 36.2995, 50.7508



40.0166, 36.2995, 45.1804



33.5234, 36.2995, 25.8025

Complementary

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



30.4171, 36.2995, 50.7508



30.7704, 27.1524, 20.1431

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.



36.4239, 36.2995, 26.3257



30.4171, 36.2995, 50.7508



40.2835, 36.2995, 36.7625

Square

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



30.4171, 36.2995, 50.7508



38.2264, 36.2995, 53.0129



38.9363, 36.2995, 30.0884



31.0269, 36.2995, 28.5424

Rectangle

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



30.4171, 36.2995, 50.7508



34.5216, 36.2995, 57.7336



38.9363, 36.2995, 30.0884



34.4816, 36.2995, 25.6129

Sweetspot

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



30.4182, 36.3009, 50.7516



72.8319, 79.6915, 93.7480



28.2709, 39.5656, 26.7313



15.4677, 17.0043, 20.1885



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.4182, 36.3009, 50.7516



51.0246, 62.3058, 91.5415



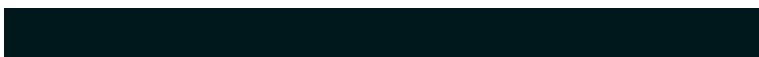
24.8767, 25.2180, 48.9045



9.1169, 9.9109, 11.5119



13.4000, 17.2597, 33.8783



0.5104, 0.6846, 1.2070

Inverse Universe

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



33.3642, 25.6224, 41.7167



57.2479, 40.7301, 72.2351



35.9230, 37.4575, 21.8606



9.3053, 9.1325, 10.9553



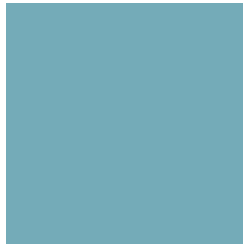
17.3774, 8.5247, 20.4060



0.6318, 0.3082, 0.8205

Previews

White Background



This preview shows how the XYZ color 30.4171, 36.2995, 50.7508 looks on a white background.

Color Contrast Check

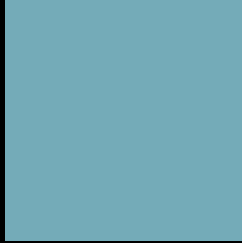
Large Text (above 18pt) WCAG AA × Fail

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 30.4171, 36.2995, 50.7508 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

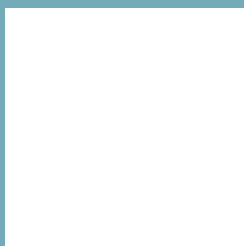
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4171, 36.2995, 50.7508

Background



This preview shows how black text looks on a background with the XYZ color 30.4171, 36.2995, 50.7508.



This preview shows how white text looks on a background with the XYZ color 30.4171, 36.2995,

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

30.4171, 36.2995, 50.7508

Protanopia

35.1779, 36.1376, 46.7162

Deuteranopia

36.9224, 36.1486, 52.0451



Tritanopia

30.5223, 36.3416, 51.3049

Trichromacy



Original Color

30.4171, 36.2995, 50.7508

Protanomaly

33.1950, 36.1348, 48.4052

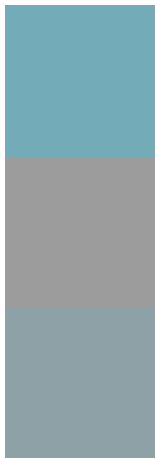
Deuteranomaly

34.1729, 36.0355, 51.6088

Tritanomaly

30.5223, 36.3416, 51.3049

Monochromacy



Original Color

30.4171, 36.2995, 50.7508

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.6123, 33.9056, 41.0074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4171, 36.2995, 50.7508 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(116, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(116, 171, 184)  
}
```

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(116, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 30.4171, 36.2995, 50.7508 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(116, 171, 184) }
```


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

```
.border{ border-color:rgb(116, 171, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 171, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 171, 184); box-shadow:4px 4px 4px 4px rgb(116, 171, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4171, 36.2995, 50.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 171, 184) }
```

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

```
.background{ background-color: rgb(116,  
171, 184) }
```

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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