

Converting Colors

XYZ(30.2163, 35.4073, 36.2521)

Have a look what the booklet for
XYZ(30.2163, 35.4073, 36.2521)
contains.

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Color

**XYZ(30.2163, 35.4073,
36.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA79B
RGB	138, 167, 155
RGB Percent	54%, 65%, 61%
CMY	0.4588, 0.3451, 0.3922
CMYK	0.17, 0.00, 0.07, 0.35
HSL	155°, 14%, 60%
HSV	155°, 17%, 65%
XYZ	30.2163, 35.4073, 36.2521
YIQ	156.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

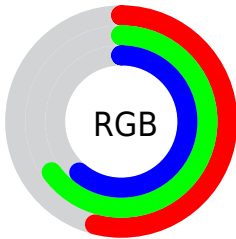
Format	Color
R _Y B	138, 156, 167
Decimal	9086875
CIE Lab	66.06, -12.48, 2.87
CIE LCh	66, 12.804, 167.037
Yxy	35.4073, 0.2966, 0.3476
Android (android.graphics.Color)	4287276955 (0xFF8AA79B)
YUV	156.9610, -0.9668, -16.6288
Hunter-Lab	59.5040, -13.4893, 5.5311

Details

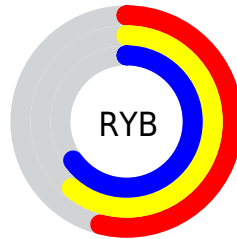
The XYZ color **30.2163, 35.4073, 36.2521** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.5310, 28.5952, 32.7658**, and the grayscale version is **32.0396, 33.7082, 36.7082**.

A 20% lighter version of the original color is **59.3681, 68.0525, 70.3280**, and **12.6539, 15.3357, 15.3898** is the 20% darker color. If you saturate the color by 10%, you get **27.0992, 33.8665, 33.1630**, and if you desaturate by 10%, it is **33.7935, 37.1834, 39.5377**.

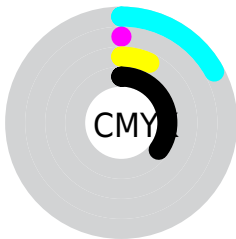
Distribution



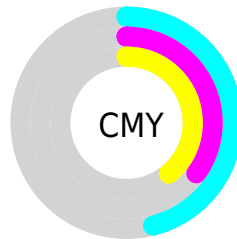
- Red (54%)
- Green (65%)
- Blue (61%)



- Red (54%)
- Yellow (61%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2163, 35.4073, 36.2521 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 30.2163, 35.4073, 36.2521 by changing the saturation by 10% instead.

■ 30.2163, 35.4073,
36.2521

■ 30.2163, 35.4073,
36.2521

294.8031,
326.3625, 345.1318

■ 20.1517, 23.9768,
24.3377

■ 59.3884, 68.1163,
70.5944

■ 12.6143, 15.3164,
15.3698

■ 79.2265, 90.1635,
93.8594

■ 7.2386, 9.0417,
8.9298

■ 103.0533,
116.5184, 121.7451

■ 3.6594, 4.7684,
4.5993

131.2340,
147.5655, 154.6699

■ 1.5113, 2.1120,
1.9595

164.1340,
183.6890, 193.0525

■ 0.3335, 0.6714,
0.5302

202.1186,

■ 0.0000, 0.0000,

225.2734, 237.3113

0.0000

245.5532,
272.7031, 287.8648

■ 30.2163, 35.4073,
36.2521

■ 30.2163, 35.4073,
36.2521

■ 27.0992, 33.8665,
33.1630

■ 33.7935, 37.1834,
39.5377

■ 24.4193, 32.5463,
30.2642

■ 37.8465, 39.1999,
43.0210

■ 22.1562, 31.4374,
27.5525

■ 42.3939, 41.4673,
46.7065

■ 20.2866, 30.5276,
25.0239

■ 47.4522, 43.9941,
50.5976

■ 18.7849, 29.8039,
22.6739

■ 53.0375, 46.7884,
54.6977

■ 17.6221, 29.2514,
20.4982

■ 59.1648, 49.8581,
59.0099

■ 16.7648, 28.8530,
18.4917

■ 65.8488, 53.2105,
63.5376

■ 16.1608, 28.5817,
16.6486

■ 66.7286, 53.5665,
67.9855

■ 16.0189, 28.5186,
16.1888

■ 67.6101, 53.9191,
72.6277

Harmonies

Analogous

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



31.0494, 35.4073, 31.8504



30.2163, 35.4073, 36.2521



30.2789, 35.4073, 41.7012

Triad

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



30.2163, 35.4073, 36.2521



34.7357, 35.4073, 49.4504



36.2062, 35.4073, 31.3893

Complementary

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



30.2163, 35.4073, 36.2521



30.5310, 28.5952, 32.7658

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.



37.2701, 35.4073, 35.5665



30.2163, 35.4073, 36.2521



36.3994, 35.4073, 46.1346

Square

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



30.2163, 35.4073, 36.2521



32.8404, 35.4073, 49.6781



37.3421, 35.4073, 40.9483



34.4800, 35.4073, 29.2259

Rectangle

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



30.2163, 35.4073, 36.2521



30.8198, 35.4073, 45.2067



37.3421, 35.4073, 40.9483



36.6559, 35.4073, 32.5856

Sweetspot

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



30.2173, 35.4088, 36.2529



62.0949, 67.3731, 72.1943



31.0003, 35.9660, 29.3533



13.7899, 15.0243, 16.0631



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.2173, 35.4088, 36.2529



51.7768, 62.2542, 62.6609



30.8375, 34.9550, 41.6827



7.6142, 8.4787, 8.9546



12.2820, 21.8316, 12.5179



0.3234, 0.5410, 0.4338

Inverse Universe

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



30.5310, 28.5952, 32.7658



52.4497, 47.6479, 55.1875



29.9639, 28.9294, 28.0497



7.6550, 7.5919, 8.5006



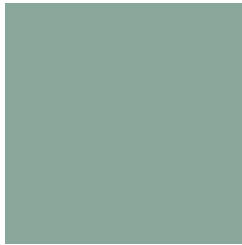
13.0425, 6.6257, 5.0356



0.3429, 0.1715, 0.2574

Previews

White Background



This preview shows how the XYZ color 30.2163, 35.4073, 36.2521 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 30.2163, 35.4073, 36.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

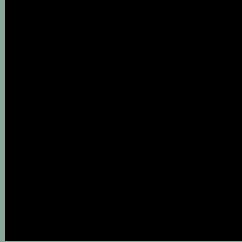
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2163, 35.4073, 36.2521

Background



This preview shows how black text looks on a background with the XYZ color 30.2163, 35.4073, 36.2521.



This preview shows how white text looks on a background with the XYZ color 30.2163, 35.4073,

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

30.2163, 35.4073, 36.2521

Protanopia

33.6738, 35.3753, 34.3315

Deuteranopia

35.9386, 35.2241, 36.8031



Tritanopia

32.3666, 35.4760, 46.7366

Trichromacy



Original Color

30.2163, 35.4073, 36.2521

Protanomaly

32.2823, 35.4299, 34.8430

Deuteranomaly

33.5031, 34.9831, 36.4391

Tritanomaly

31.6011, 35.4376, 42.7107

Monochromacy



Original Color

30.2163, 35.4073, 36.2521

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3233, 34.3741, 36.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2163, 35.4073, 36.2521 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(138, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(138, 167, 155)  
}
```

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(138, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 167, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.2163, 35.4073, 36.2521 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(138, 167, 155) }
```


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

```
.border{ border-color:rgb(138, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(138, 167,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2163, 35.4073, 36.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 167, 155) }
```

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

```
.background{ background-color: rgb(138,  
167, 155) }
```

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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