

Converting Colors

XYZ(27.6334, 34.1720, 44.1691)

Have a look what the booklet for
XYZ(27.6334, 34.1720, 44.1691)
contains.

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Color

**XYZ(27.6334, 34.1720,
44.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA8AC
RGB	108, 168, 172
RGB Percent	42%, 66%, 67%
CMY	0.5765, 0.3412, 0.3255
CMYK	0.37, 0.02, 0.00, 0.33
HSL	184°, 28%, 55%
HSV	184°, 37%, 67%
XYZ	27.6334, 34.1720, 44.1691
YIQ	150.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

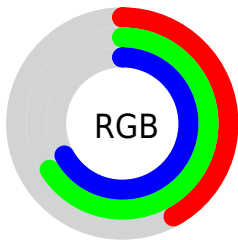
Format	Color
RYB	108, 139, 172
Decimal	7121068
CIELab	65.10, -18.33, -8.23
CIElCh	65, 20.091, 204.172
Yxy	34.1720, 0.2608, 0.3225
Android (android.graphics.Color)	4285311148 (0xFF6CA8AC)
YUV	150.5160, 10.5916, -37.2865
Hunter-Lab	58.4568, -17.9199, -3.8789

Details

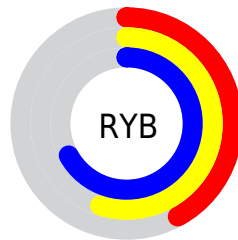
The XYZ color **27.6334, 34.1720, 44.1691** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5147, 21.4421, 16.9822**, and the grayscale version is **29.1773, 30.6967, 33.4287**.

A 20% lighter version of the original color is **55.1531, 66.0028, 82.5060**, and **11.2111, 14.6591, 20.0079** is the 20% darker color. If you saturate the color by 10%, you get **25.5471, 32.8040, 44.0156**, and if you desaturate by 10%, it is **30.1360, 35.7587, 44.3440**.

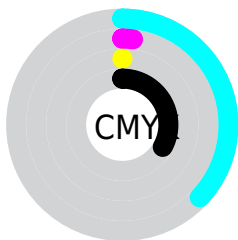
Distribution



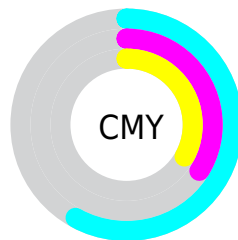
- Red (42%)
- Green (66%)
- Blue (67%)



- Red (42%)
- Yellow (55%)
- Blue (67%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6334, 34.1720, 44.1691 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 27.6334, 34.1720, 44.1691 by changing the saturation by 10% instead.

■ 27.6334, 34.1720,
44.1691

■ 27.6334, 34.1720,
44.1691

282.8229,
320.8983, 379.4594

■ 18.1885, 23.0258,
30.4653

■ 55.3114, 66.2011,
82.7773

■ 11.1859, 14.6125,
19.9370

■ 74.2752, 87.8527,
108.5188

■ 6.2603, 8.5479,
12.1656

■ 97.1427, 113.7749,
139.1100

■ 3.0461, 4.4475,
6.7327

■ 124.2792,
144.3520, 174.9693

■ 1.1782, 1.9269,
3.2196

156.0501,
179.9685, 216.5154

■ 0.0891, 0.5645,
1.2078

192.8208,

■ 0.0000, 0.0000,

221.0088, 264.1667

0.0000

234.9567,
267.8573, 318.3419

■ 27.6334, 34.1720,
44.1691

■ 27.6334, 34.1720,
44.1691

■ 25.5471, 32.8040,
44.0156

■ 30.1360, 35.7587,
44.3440

■ 23.8498, 31.6382,
43.8800

■ 33.0744, 37.5716,
44.5391

■ 22.5154, 30.6618,
43.7619

■ 36.4703, 39.6229,
44.7561

■ 21.5136, 29.8594,
43.6598

■ 40.3431, 41.9224,
44.9958

■ 20.8091, 29.2126,
43.5721

■ 44.7112, 44.4798,
45.2592

■ 20.3489, 28.6942,
43.4963

■ 49.5920, 47.3039,
45.5470

■ 20.2362, 28.5580,
43.4759

■ 55.0019, 50.4032,
45.8601

■ 60.9568, 53.7860,
46.1992

■ 64.5420, 55.9496,
46.4279

Harmonies

Analogous

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



27.2206, 34.1720, 35.6025



27.6334, 34.1720, 44.1691



29.3103, 34.1720, 51.7853

Triad

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



27.6334, 34.1720, 44.1691



37.2350, 34.1720, 47.4077



33.0514, 34.1720, 23.4237

Complementary

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



27.6334, 34.1720, 44.1691



25.5147, 21.4421, 16.9822

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.



35.8692, 34.1720, 25.6596



27.6334, 34.1720, 44.1691



38.3755, 34.1720, 38.8600

Square

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



27.6334, 34.1720, 44.1691



34.8271, 34.1720, 53.8421



37.8613, 34.1720, 31.0187



30.2398, 34.1720, 24.4093

Rectangle

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



27.6334, 34.1720, 44.1691



30.9758, 34.1720, 54.8698



37.8613, 34.1720, 31.0187



34.0310, 34.1720, 23.8116

Sweetspot

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



27.6344, 34.1733, 44.1699



63.6023, 70.3433, 81.0312



23.8179, 33.8460, 20.3752



13.6472, 15.1816, 17.5987



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.6344, 34.1733, 44.1699



46.8327, 59.8360, 79.8869



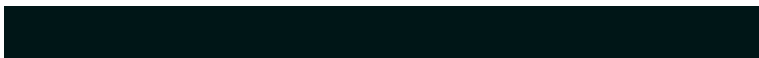
22.5488, 24.0021, 42.4747



8.1929, 8.9851, 10.2552



15.0738, 21.2814, 32.3578



0.4319, 0.6172, 0.9043

Inverse Universe

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



29.4446, 22.3238, 39.8043



50.6667, 35.2484, 70.5258



29.5732, 29.5592, 18.3350



8.3152, 8.1393, 9.9704



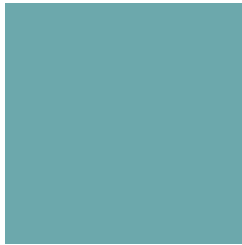
17.4722, 8.4514, 25.9298



0.4924, 0.2376, 0.7547

Previews

White Background



This preview shows how the XYZ color 27.6334, 34.1720, 44.1691 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 27.6334, 34.1720, 44.1691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

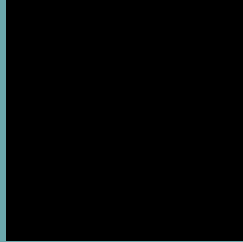
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.6334, 34.1720, 44.1691

Background



This preview shows how black text looks on a background with the XYZ color 27.6334, 34.1720, 44.1691.

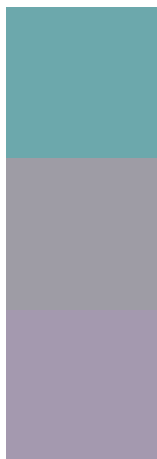


This preview shows how white text looks on a background with the XYZ color 27.6334, 34.1720,

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

27.6334, 34.1720, 44.1691

Protanopia

32.7805, 33.7626, 40.3864

Deuteranopia

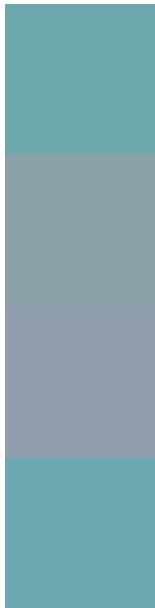
34.4389, 33.7701, 45.2606



Tritanopia

28.4873, 34.2477, 48.2890

Trichromacy



Original Color

27.6334, 34.1720, 44.1691

Protanomaly

30.4539, 33.5442, 41.9154

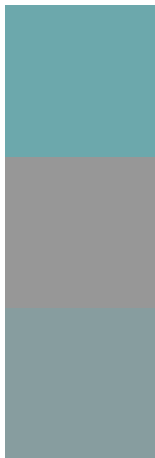
Deuteranomaly

31.3684, 33.4390, 44.8455

Tritanomaly

28.0612, 34.0630, 46.6908

Monochromacy



Original Color

27.6334, 34.1720, 44.1691

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3067, 31.7680, 37.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6334, 34.1720, 44.1691 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(108, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 172)  
}
```

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(108, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.6334, 34.1720, 44.1691 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(108, 168, 172) }
```


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

```
.border{ border-color:rgb(108, 168, 172) }
```

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

Here you see how a box with a 4 pixel rgb(108, 168, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6334, 34.1720, 44.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 172) }
```

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

```
.background{ background-color: rgb(108,  
168, 172) }
```

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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