

Converting Colors

XYZ(27.6993, 35.0265, 44.8361)

Have a look what the booklet for
XYZ(27.6993, 35.0265, 44.8361)
contains.

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Color

**XYZ(27.6993, 35.0265,
44.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	67ABAD
RGB	103, 171, 173
RGB Percent	40%, 67%, 68%
CMY	0.5961, 0.3294, 0.3216
CMYK	0.40, 0.01, 0.00, 0.32
HSL	182°, 30%, 54%
HSV	182°, 40%, 68%
XYZ	27.6993, 35.0265, 44.8361
YIQ	150.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

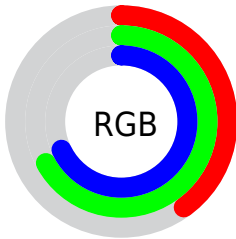
Format	Color
RYB	103, 137, 173
Decimal	6794157
CIELab	65.77, -20.96, -7.81
CIELCh	66, 22.365, 200.446
Yxy	35.0265, 0.2575, 0.3256
Android (android.graphics.Color)	4284984237 (0xFF67ABAD)
YUV	150.8960, 10.8973, -42.0048
Hunter-Lab	59.1832, -20.0279, -3.4888

Details

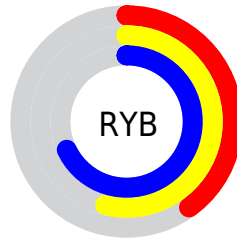
The XYZ color **27.6993, 35.0265, 44.8361** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7340, 19.9673, 15.3834**, and the grayscale version is **29.3393, 30.8673, 33.6144**.

A 20% lighter version of the original color is **55.5732, 67.8087, 83.5582**, and **11.3146, 15.2271, 20.4319** is the 20% darker color. If you saturate the color by 10%, you get **25.8238, 33.9222, 44.7224**, and if you desaturate by 10%, it is **29.9878, 36.3459, 44.9708**.

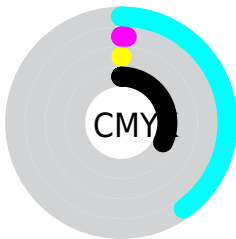
Distribution



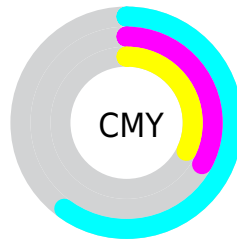
- Red (40%)
- Green (67%)
- Blue (68%)



- Red (40%)
- Yellow (54%)
- Blue (68%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (60%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6993, 35.0265, 44.8361 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 27.6993, 35.0265, 44.8361 by changing the saturation by 10% instead.

■ 27.6993, 35.0265,
44.8361

■ 27.6993, 35.0265,
44.8361

283.1335,
324.6853, 382.2501

■ 18.2384, 23.6833,
30.9863

■ 55.4160, 67.5268,
83.7902

■ 11.2220, 15.0989,
20.3301

■ 74.4025, 89.4527,
109.7317

■ 6.2848, 8.8888,
12.4487

■ 97.2950, 115.6750,
140.5408

■ 3.0613, 4.6687,
6.9238

■ 124.4587,
146.5780, 176.6361

■ 1.1863, 2.0542,
3.3368

156.2591,
182.5461, 218.4362

■ 0.0955, 0.6387,
1.2691

193.0614,

■ 0.0000, 0.0000,

223.9638, 266.3595

0.0362

235.2311,
271.2154, 320.8246

■ 0.0000, 0.0000,
0.0000

■ 27.6993, 35.0265,
44.8361

■ 27.6993, 35.0265,
44.8361

■ 25.8238, 33.9222,
44.7224

■ 29.9878, 36.3459,
44.9708

■ 24.3326, 33.0158,
44.6260

■ 32.7095, 37.8882,
45.1250

■ 23.1985, 32.2939,
44.5465

■ 35.8870, 39.6661,
45.3007

■ 22.3892, 31.7400,
44.4822

■ 39.5405, 41.6899,
45.4988

■ 21.8666, 31.3344,
44.4315

■ 43.6889, 43.9693,
45.7201

■ 21.5571, 31.0454,
44.3920

■ 48.3500, 46.5135,
45.9655

■ 53.5410, 49.3314,
46.2358

■ 59.2779, 52.4314,
46.5318

■ 64.2003, 55.1118,
46.7897

Harmonies

Analogous

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



27.4248, 35.0265, 35.2038



27.6993, 35.0265, 44.8361



29.4166, 35.0265, 53.9139

Triad

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



27.6993, 35.0265, 44.8361



38.4211, 35.0265, 50.9034



34.3547, 35.0265, 22.8931

Complementary

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



27.6993, 35.0265, 44.8361



24.7340, 19.9673, 15.3834

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.



37.4928, 35.0265, 25.7853



27.6993, 35.0265, 44.8361



39.9406, 35.0265, 41.2306

Square

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



27.6993, 35.0265, 44.8361



35.5549, 35.0265, 57.7985



39.5902, 35.0265, 32.1424



31.1265, 35.0265, 23.5335

Rectangle

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



27.6993, 35.0265, 44.8361



31.2151, 35.0265, 57.9260



39.5902, 35.0265, 32.1424



35.4582, 35.0265, 23.4636

Sweetspot

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



27.7003, 35.0279, 44.8369



63.2153, 70.4510, 81.0724



23.0451, 33.7744, 18.4466



13.5784, 15.2215, 17.6101



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.



27.7003, 35.0279, 44.8369



46.4316, 60.8615, 80.1060



22.0592, 23.7456, 42.9565



8.2164, 9.0323, 10.2630



15.8441, 22.8220, 32.6145



0.4467, 0.6468, 0.9093

Inverse Universe

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



29.4354, 21.5260, 41.1330



50.0181, 33.2807, 72.3765



28.9394, 28.3780, 16.7851



8.3271, 8.1441, 10.0331



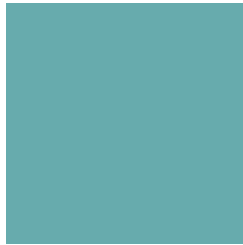
17.8610, 8.6069, 27.9772



0.4999, 0.2406, 0.7942

Previews

White Background



This preview shows how the XYZ color 27.6993, 35.0265, 44.8361 looks on a white background.

Color Contrast Check

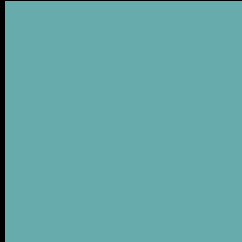
Large Text (above 18pt) WCAG AA × Fail

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 27.6993, 35.0265, 44.8361 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

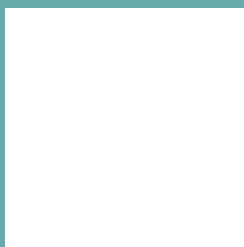
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6993, 35.0265, 44.8361

Background



This preview shows how black text looks on a background with the XYZ color 27.6993, 35.0265, 44.8361.

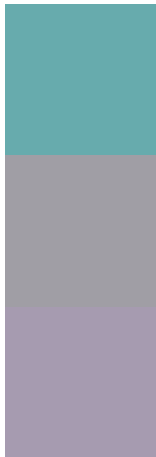


This preview shows how white text looks on a background with the XYZ color 27.6993, 35.0265,

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

27.6993, 35.0265, 44.8361

Protanopia

33.5156, 34.6439, 40.5178

Deuteranopia

35.2837, 34.6843, 45.9094



Tritanopia

28.6791, 34.8590, 50.0167

Trichromacy



Original Color

27.6993, 35.0265, 44.8361

Protanomaly

30.8125, 34.5105, 42.0830

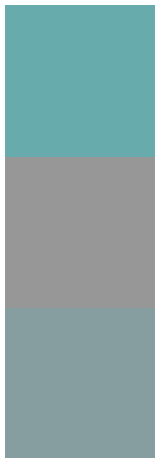
Deuteranomaly

31.8104, 34.4245, 45.5254

Tritanomaly

28.3371, 35.0074, 47.9114

Monochromacy



Original Color

27.6993, 35.0265, 44.8361

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3164, 32.0253, 37.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6993, 35.0265, 44.8361 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(103, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(103, 171, 173)  
}
```

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(103, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 173) }
```

Border

The CSS property to change the border of an element to XYZ 27.6993, 35.0265, 44.8361 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(103, 171, 173) }
```


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

```
.border{ border-color:rgb(103, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6993, 35.0265, 44.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 171, 173) }
```

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

```
.background{ background-color: rgb(103,  
171, 173) }
```

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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