

Converting Colors

XYZ(17.3261, 21.9811, 35.7228)

Have a look what the booklet for
XYZ(17.3261, 21.9811, 35.7228)
contains.

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Color

**XYZ(17.2677, 21.8945,
35.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	3C8B9E
RGB	60, 139, 158
RGB Percent	24%, 55%, 62%
CMY	0.7647, 0.4549, 0.3804
CMYK	0.62, 0.12, 0.00, 0.38
HSL	192°, 45%, 43%
HSV	192°, 62%, 62%
XYZ	17.2677, 21.8945, 35.6637
YIQ	117.5450, -53.1830, -10.8390

Conversions

Conversions Part 2

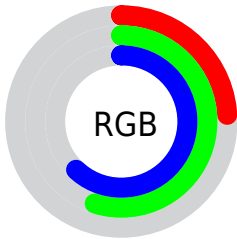
Format	Color
R_{YB}	60, 104, 158
Decimal	3967902
CIE _{Lab}	53.91, -18.17, -17.32
CIE _{LCh}	54, 25.106, 223.625
Yxy	21.8945, 0.2308, 0.2926
Android (android.graphics.Color)	4282157982 (0xFF3C8B9E)
YUV	117.5450, 19.9443, -50.4670
Hunter-Lab	46.7916, -16.0126, -12.4357

Details

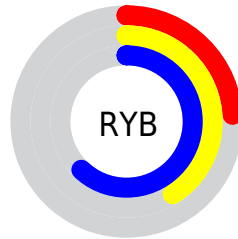
The XYZ color **17.2677, 21.8945, 35.6637** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7129, 13.1882, 5.8879**, and the grayscale version is **17.0303, 17.9172, 19.5119**.

A 20% lighter version of the original color is **38.4163, 46.7259, 69.9450**, and **6.2262, 8.2063, 15.1657** is the 20% darker color. If you saturate the color by 10%, you get **16.0147, 20.5998, 35.4802**, and if you desaturate by 10%, it is **18.8195, 23.3627, 35.8657**.

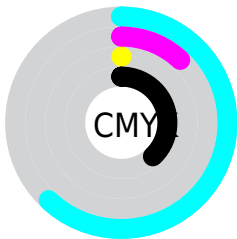
Distribution



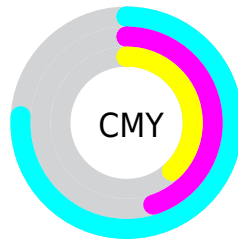
- Red (24%)
- Green (55%)
- Blue (62%)



- Red (24%)
- Yellow (41%)
- Blue (62%)



- Cyan (62%)
- Magenta (12%)
- Yellow (0%)
- Black (38%)



- Cyan (76%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2677, 21.8945, 35.6637 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 17.2677, 21.8945, 35.6637 by changing the saturation by 10% instead.

■ 17.2677, 21.8945,
35.6637

■ 17.2677, 21.8945,
35.6637

229.8367,
261.9948, 342.4811

■ 10.5220, 13.7794,
23.8869

■ 38.3254, 46.5716,
69.6759

■ 5.8113, 7.9674,
15.0384

■ 53.3682, 63.9023,
92.7484

■ 2.7703, 4.0741,
8.6994

■ 71.9073, 85.0738,
120.4232

■ 1.0335, 1.7151,
4.4515

■ 94.3083, 110.4703,
153.1189

■ 0.0000, 0.4334,
1.8762

■ 120.9363,
140.4762, 191.2540

■ 0.0000, 0.0000,
0.4775

152.1568,

■ 0.0000, 0.0000,

175.4760, 235.2470

0.0000

188.3351,
215.8541, 285.5165

■ 17.2677, 21.8945,
35.6637

■ 17.2677, 21.8945,
35.6637

■ 16.0147, 20.5998,
35.4802

■ 18.8195, 23.3627,
35.8657

■ 15.0322, 19.4622,
35.3125

■ 20.6911, 25.0139,
36.0858

■ 14.2895, 18.4666,
35.1594

■ 22.9041, 26.8598,
36.3254

■ 13.8086, 17.7426,
35.0450

■ 25.4773, 28.9103,
36.5856

■ 28.4285, 31.1746,
36.8671

■ 31.7738, 33.6614,
37.1708

■ 35.5288, 36.3787,
37.4974

■ 39.7080, 39.3341,
37.8475

■ 44.3252, 42.5348,
38.2220

Harmonies

Analogous

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



16.1536, 21.8945, 27.5233



17.2677, 21.8945, 35.6637



19.3780, 21.8945, 41.1764

Triad

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



17.2677, 21.8945, 35.6637



26.2096, 21.8945, 28.2900



19.6087, 21.8945, 12.0957

Complementary

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



17.2677, 21.8945, 35.6637



17.7129, 13.1882, 5.8879

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.



22.3110, 21.8945, 12.2138



17.2677, 21.8945, 35.6637



26.2850, 21.8945, 20.4998

Square

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



17.2677, 21.8945, 35.6637



24.6086, 21.8945, 36.3288



24.8065, 21.8945, 14.9685



17.4240, 21.8945, 14.6010

Rectangle

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



17.2677, 21.8945, 35.6637



21.1407, 21.8945, 42.0088



24.8065, 21.8945, 14.9685



20.4829, 21.8945, 11.8497

Sweetspot

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



17.2684, 21.8953, 35.6642



47.6184, 53.5517, 66.5702



15.4650, 25.9645, 11.3990



10.4241, 11.8310, 14.9779



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.



17.2684, 21.8953, 35.6642



28.4186, 36.6703, 64.3237



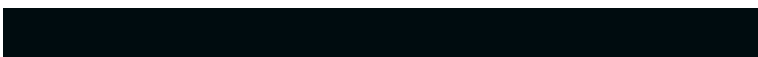
11.7798, 10.9182, 33.8347



6.7125, 7.2908, 8.4602



11.0866, 14.2647, 28.0763



0.2239, 0.3065, 0.5106

Inverse Universe

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



20.3773, 12.3657, 25.7397



34.8394, 18.9824, 43.3790



22.5019, 22.7663, 7.4842



6.8490, 6.7325, 8.0559



14.3942, 7.0622, 16.8586



0.2703, 0.1315, 0.3698

Previews

White Background



This preview shows how the XYZ color 17.2677, 21.8945, 35.6637 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2677, 21.8945, 35.6637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

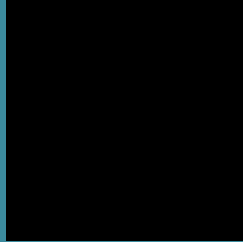
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2677, 21.8945, 35.6637

Background



This preview shows how black text looks on a background with the XYZ color 17.2677, 21.8945, 35.6637.



This preview shows how white text looks on a background with the XYZ color 17.2677, 21.8945,

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

17.2677, 21.8945, 35.6637

Protanopia

21.4066, 21.6658, 31.9078

Deuteranopia

22.2061, 21.7800, 36.7518



Tritanopia

16.6513, 21.8604, 32.6200

Trichromacy



Original Color

17.2677, 21.8945, 35.6637

Protanomaly

19.2329, 21.2992, 33.2345

Deuteranomaly

19.8283, 21.5374, 36.3698

Tritanomaly

16.9557, 21.9888, 33.9225

Monochromacy



Original Color

17.2677, 21.8945, 35.6637

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.6243, 19.1566, 25.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2677, 21.8945, 35.6637 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(60, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(60, 139, 158)  
}
```

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(60, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 139, 158) }
```

Border

The CSS property to change the border of an element to XYZ 17.2677, 21.8945, 35.6637 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(60, 139, 158) }
```


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

```
.border{ border-color:rgb(60, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(60, 139,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2677, 21.8945, 35.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 139, 158) }
```

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

```
.background{ background-color: rgb(60, 139,  
158) }
```

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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