

Converting Colors

XYZ(17.2026, 17.1921, 34.3392)

Have a look what the booklet for
XYZ(17.2026, 17.1921, 34.3392)
contains.

XYZ(17.2535, 17.2925, 34.3267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.2535, 17.2925,
34.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	62739D
RGB	98, 115, 157
RGB Percent	38%, 45%, 62%
CMY	0.6157, 0.5490, 0.3843
CMYK	0.38, 0.27, 0.00, 0.38
HSL	223°, 23%, 50%
HSV	223°, 38%, 62%
XYZ	17.2535, 17.2925, 34.3267
YIQ	114.7050, -23.6140, 9.4580

Conversions

Conversions Part 2

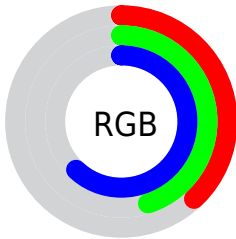
Format	Color
R_{YB}	98, 111, 157
Decimal	6452125
CIE _{Lab}	48.63, 4.54, -24.69
CIE _{LCh}	49, 25.109, 280.426
Yxy	17.2925, 0.2505, 0.2511
Android (android.graphics.Color)	4284642205 (0xFF62739D)
YUV	114.7050, 20.8514, -14.6503
Hunter-Lab	41.5843, 1.2880, -19.8334

Details

The XYZ color **17.2535, 17.2925, 34.3267** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.4875, 26.8062, 15.3865**, and the grayscale version is **16.1510, 16.9921, 18.5044**.

A 20% lighter version of the original color is **38.4649, 38.9702, 67.7820**, and **5.7759, 5.6626, 14.1532** is the 20% darker color. If you saturate the color by 10%, you get **14.5247, 14.1075, 33.8561**, and if you desaturate by 10%, it is **20.4703, 20.9592, 34.8652**.

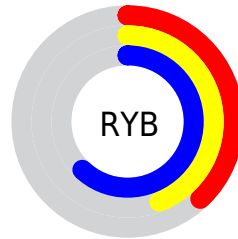
Distribution



Red (38%)

Green (45%)

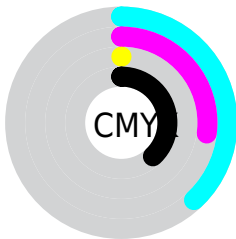
Blue (62%)



Red (38%)

Yellow (44%)

Blue (62%)

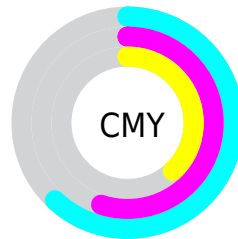


Cyan (38%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2535, 17.2925, 34.3267 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 17.2535, 17.2925, 34.3267 by changing the saturation by 10% instead.

■ 17.2535, 17.2925,
34.3267

■ 17.2535, 17.2925,
34.3267

229.7569,
236.8524, 336.3999

■ 10.5118, 10.4433,
22.8653

■ 38.3013, 38.8280,
67.5811

■ 5.8045, 5.6938,
14.2897

■ 53.3380, 54.2831,
90.2112

■ 2.7661, 2.6598,
8.1814

■ 71.8706, 73.3755,
117.4012

■ 1.0313, 0.9568,
4.1218

■ 94.2642, 96.4897,
149.5697

■ 0.0000, 0.0000,
1.6924

120.8843,
124.0101, 187.1353

■ 0.0000, 0.0000,
0.3555

152.0962,

■ 0.0000, 0.0000,

156.3211, 230.5165

0.0000

188.2653,
193.8071, 280.1319

■ 17.2535, 17.2925,
34.3267

■ 17.2535, 17.2925,
34.3267

■ 14.5247, 14.1075,
33.8561

■ 20.4703, 20.9592,
34.8652

■ 12.2571, 11.3811,
33.4493

■ 24.1965, 25.1253,
35.4730

■ 10.4240, 9.0912,
33.1040

■ 28.4542, 29.8100,
36.1528

■ 8.9947, 7.2129,
32.8167

■ 33.2640, 35.0309,
36.9070

■ 7.9346, 5.7184,
32.5841

■ 38.6449, 40.8047,
37.7379

■ 7.1882, 4.5684,
32.4015

■ 44.6153, 47.1472,
38.6474

■ 7.0334, 4.3295,
32.3636

■ 51.1928, 54.0740,
39.6378

■ 58.3939, 61.5995,
40.7108

■ 66.2349, 69.7381,
41.8684

Harmonies

Analogous

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



14.9915, 17.2925, 33.5485



17.2535, 17.2925, 34.3267



19.4899, 17.2925, 30.2756

Triad

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



17.2535, 17.2925, 34.3267



20.0569, 17.2925, 11.7218



12.5939, 17.2925, 14.8780

Complementary

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



17.2535, 17.2925, 34.3267



25.4875, 26.8062, 15.3865

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.



13.7191, 17.2925, 10.7060



17.2535, 17.2925, 34.3267



17.9705, 17.2925, 9.2016

Square

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



17.2535, 17.2925, 34.3267



21.2061, 17.2925, 16.6178



15.6447, 17.2925, 8.8794



12.4409, 17.2925, 21.2273

Rectangle

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



17.2535, 17.2925, 34.3267



20.6125, 17.2925, 25.8355



15.6447, 17.2925, 8.8794



12.8656, 17.2925, 13.2191

Sweetspot

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



17.2541, 17.2932, 34.3271



48.0755, 50.2288, 64.2880



21.7765, 28.5838, 28.9111



10.3691, 10.8222, 14.1127



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.2541, 17.2932, 34.3271



26.7890, 26.1822, 60.7685



16.8595, 14.4723, 33.8034



6.4327, 6.7312, 8.3669



5.7409, 3.5733, 26.2944



0.1362, 0.1311, 0.4813

Inverse Universe

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



21.3673, 17.1417, 18.4029



35.3529, 26.3238, 27.5108



25.9743, 31.0341, 16.1769



6.7078, 6.6760, 7.3121



11.6959, 5.9829, 2.6498



0.2261, 0.1138, 0.1366

Previews

White Background



This preview shows how the XYZ color 17.2535, 17.2925, 34.3267 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2535, 17.2925, 34.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

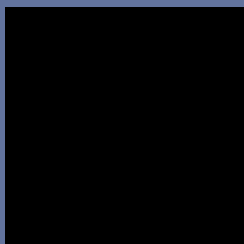
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

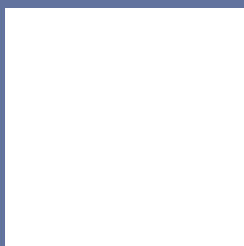
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2535, 17.2925, 34.3267

Background



This preview shows how black text looks on a background with the XYZ color 17.2535, 17.2925, 34.3267.

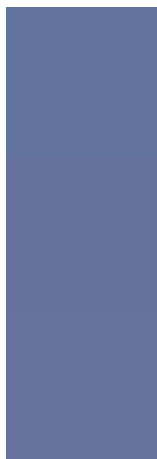


This preview shows how white text looks on a background with the XYZ color 17.2535, 17.2925,

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

17.2535, 17.2925, 34.3267

Protanopia

17.6116, 17.3185, 33.8671

Deuteranopia

17.6966, 17.3525, 34.3149



Tritanopia

15.0601, 17.2688, 23.6586

Trichromacy



Original Color

17.2535, 17.2925, 34.3267

Protanomaly

17.3849, 17.2016, 33.8565

Deuteranomaly

17.4699, 17.2357, 34.3043

Tritanomaly

15.8282, 17.2300, 27.3024

Monochromacy



Original Color

17.2535, 17.2925, 34.3267

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4667, 17.1244, 23.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2535, 17.2925, 34.3267 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(98, 115, 157) looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 157)  
}
```

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(98, 115, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.2535, 17.2925, 34.3267 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(98, 115, 157) }
```


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

```
.border{ border-color:rgb(98, 115, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 115, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 115,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2535, 17.2925, 34.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 157) }
```

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

```
.background{ background-color: rgb(98, 115,  
157) }
```

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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