

Converting Colors

XYZ(17.1989, 20.7650, 29.1475)

Have a look what the booklet for
XYZ(17.1989, 20.7650, 29.1475)
contains.

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Color

**XYZ(17.1832, 20.7367,
29.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	56858F
RGB	86, 133, 143
RGB Percent	34%, 52%, 56%
CMY	0.6627, 0.4784, 0.4392
CMYK	0.40, 0.07, 0.00, 0.44
HSL	191°, 25%, 45%
HSV	191°, 40%, 56%
XYZ	17.1832, 20.7367, 29.0835
YIQ	120.0870, -31.2220, -6.8540

Conversions

Conversions Part 2

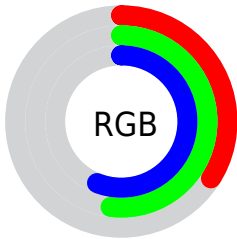
Format	Color
R _Y B	86, 112, 143
Decimal	5670287
CIE Lab	52.66, -13.23, -10.42
CIE LCh	53, 16.841, 218.238
Yxy	20.7367, 0.2565, 0.3095
Android (android.graphics.Color)	4283860367 (0xFF56858F)
YUV	120.0870, 11.2961, -29.8943
Hunter-Lab	45.5376, -12.3353, -5.9905

Details

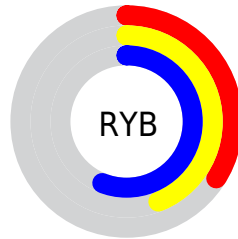
The XYZ color **17.1832, 20.7367, 29.0835** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1905, 14.8775, 10.7702**, and the grayscale version is **17.8531, 18.7829, 20.4545**.

A 20% lighter version of the original color is **38.1182, 44.5523, 59.4137**, and **5.7622, 7.3342, 11.4679** is the 20% darker color. If you saturate the color by 10%, you get **15.6569, 19.4466, 28.9153**, and if you desaturate by 10%, it is **18.9825, 22.1807, 29.2677**.

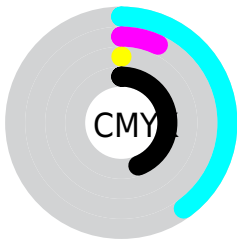
Distribution



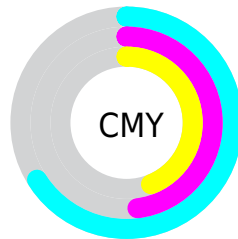
- Red (34%)
- Green (52%)
- Blue (56%)



- Red (34%)
- Yellow (44%)
- Blue (56%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1832, 20.7367, 29.0835 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 17.1832, 20.7367, 29.0835 by changing the saturation by 10% instead.

■ 17.1832, 20.7367,
29.0835

■ 17.1832, 20.7367,
29.0835

229.3616,
255.8759, 311.6820

■ 10.4613, 12.9317,
18.8979

■ 38.1816, 44.6489,
59.2535

■ 5.7705, 7.3815,
11.4204

■ 53.1888, 61.5249,
80.0749

■ 2.7453, 3.7018,
6.2327

■ 71.6885, 82.1933,
105.2787

■ 1.0206, 1.5082,
2.9160

■ 94.0460, 107.0386,
135.2834

■ 0.0000, 0.2945,
1.0519

■ 120.6267,
136.4451, 170.5076

■ 0.0000, 0.0000,
0.0000

151.7960,

170.7972, 211.3697

187.9192,
210.4793, 258.2883

■ 17.1832, 20.7367,
29.0835

■ 17.1832, 20.7367,
29.0835

■ 15.6569, 19.4466,
28.9153

■ 18.9825, 22.1807,
29.2677

■ 14.3857, 18.2996,
28.7609

■ 21.0673, 23.7837,
29.4673

■ 13.3527, 17.2874,
28.6200

■ 23.4518, 25.5535,
29.6832

■ 12.5382, 16.3998,
28.4916

■ 26.1487, 27.4967,
29.9161

■ 11.9190, 15.6246,
28.3746

■ 29.1697, 29.6196,
30.1667

■ 11.4333, 14.9301,
28.2661

■ 32.5262, 31.9280,
30.4353

■ 11.4266, 14.9205,
28.2646

■ 36.2288, 34.4275,
30.7226

■ 40.2878, 37.1234,
31.0291

■ 44.7130, 40.0209,
31.3551

Harmonies

Analogous

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



16.5637, 20.7367, 23.9879



17.1832, 20.7367, 29.0835



18.4883, 20.7367, 32.7627

Triad

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



17.1832, 20.7367, 29.0835



23.0026, 20.7367, 26.3431



19.2314, 20.7367, 14.3217

Complementary

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



17.1832, 20.7367, 29.0835



17.1905, 14.8775, 10.7702

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.



20.9836, 20.7367, 14.7596



17.1832, 20.7367, 29.0835



23.2306, 20.7367, 21.2259

Square

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



17.1832, 20.7367, 29.0835



21.8663, 20.7367, 31.0246



22.4723, 20.7367, 17.1243



17.6996, 20.7367, 15.8243

Rectangle

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



17.1832, 20.7367, 29.0835



19.6064, 20.7367, 33.6449



22.4723, 20.7367, 17.1243



19.8132, 20.7367, 14.2517

Sweetspot

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



17.1838, 20.7375, 29.0840



40.9254, 44.9749, 53.0621



15.7490, 22.4591, 14.4515



9.2716, 10.2300, 12.1581



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.1838, 20.7375, 29.0840



28.2514, 35.0104, 51.8067



13.8477, 14.0652, 27.9719



5.4809, 5.9576, 6.8898



10.1167, 13.2193, 24.9955



0.1104, 0.1537, 0.2435

Inverse Universe

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



18.8896, 14.1892, 23.9344



31.8431, 21.8904, 40.8140



20.2155, 20.9273, 11.7785



5.5862, 5.4950, 6.5850



12.9095, 6.3208, 15.7068



0.1303, 0.0632, 0.1865

Previews

White Background



This preview shows how the XYZ color 17.1832, 20.7367, 29.0835 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 17.1832, 20.7367, 29.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

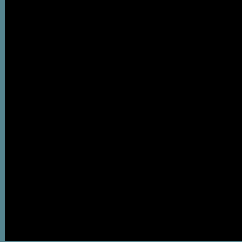
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1832, 20.7367, 29.0835

Background



This preview shows how black text looks on a background with the XYZ color 17.1832, 20.7367, 29.0835.



This preview shows how white text looks on a background with the XYZ color 17.1832, 20.7367,

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

17.1832, 20.7367, 29.0835

Protanopia

20.0352, 20.5065, 26.5691

Deuteranopia

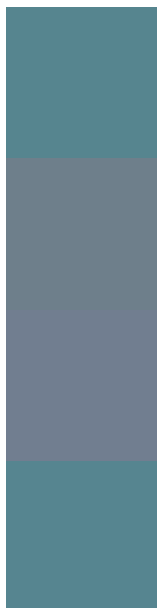
20.9725, 20.5526, 29.6497



Tritanopia

17.2593, 20.7671, 29.4843

Trichromacy



Original Color

17.1832, 20.7367, 29.0835

Protanomaly

18.6800, 20.3578, 27.3710

Deuteranomaly

19.3049, 20.4460, 29.3146

Tritanomaly

17.2593, 20.7671, 29.4843

Monochromacy



Original Color

17.1832, 20.7367, 29.0835

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4142, 19.4139, 23.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1832, 20.7367, 29.0835 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(86, 133, 143) looks like.

```
.text, #text, p{  
    color:rgb(86, 133, 143)  
}
```

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(86, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 133, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.1832, 20.7367, 29.0835 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(86, 133, 143) }
```


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

```
.border{ border-color:rgb(86, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(86, 133,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1832, 20.7367, 29.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 133, 143) }
```

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

```
.background{ background-color: rgb(86, 133,  
143) }
```

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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