

Converting Colors

XYZ(17.4736, 24.0694, 28.7896)

Have a look what the booklet for
XYZ(17.4736, 24.0694, 28.7896)
contains.

XYZ(17.5776, 24.2267, 28.9491)	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(17.5776, 24.2267,
28.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	41948D
RGB	65, 148, 141
RGB Percent	25%, 58%, 55%
CMY	0.7451, 0.4196, 0.4471
CMYK	0.56, 0.00, 0.05, 0.42
HSL	175°, 39%, 42%
HSV	175°, 56%, 58%
XYZ	17.5776, 24.2267, 28.9491
YIQ	122.3850, -47.2210, -19.7730

Conversions

Conversions Part 2

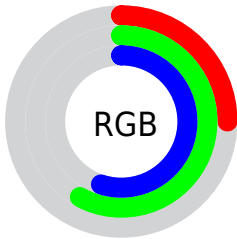
Format	Color
R_{YB}	65, 108, 148
Decimal	4297869
CIE _{Lab}	56.31, -26.83, -3.92
CIE _{LCh}	56, 27.116, 188.322
Yxy	24.2267, 0.2484, 0.3424
Android (android.graphics.Color)	4282487949 (0xFF41948D)
YUV	122.3850, 9.1772, -50.3266
Hunter-Lab	49.2206, -22.3904, -0.4170

Details

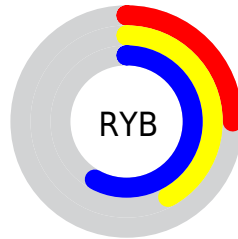
The XYZ color **17.5776, 24.2267, 28.9491** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.2736, 10.5451, 7.3622**, and the grayscale version is **18.6072, 19.5762, 21.3185**.

A 20% lighter version of the original color is **38.8560, 50.2461, 59.2803**, and **6.1630, 9.3047, 11.3687** is the 20% darker color. If you saturate the color by 10%, you get **16.6311, 23.7500, 28.4231**, and if you desaturate by 10%, it is **18.7833, 24.8380, 29.4938**.

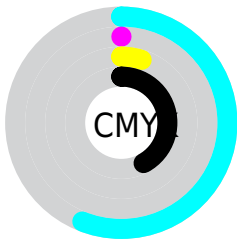
Distribution



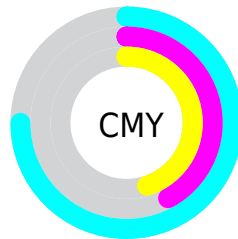
- Red (25%)
- Green (58%)
- Blue (55%)



- Red (25%)
- Yellow (42%)
- Blue (58%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (75%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5776, 24.2267, 28.9491 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 17.5776, 24.2267, 28.9491 by changing the saturation by 10% instead.

■ 17.5776, 24.2267,
28.9491

■ 17.5776, 24.2267,
28.9491

231.5712,
273.9646, 311.0281

■ 10.7450, 15.5019,
18.7971

■ 38.8520, 50.3999,
59.0374

■ 5.9617, 9.1724,
11.3484

■ 54.0245, 68.6170,
79.8108

■ 2.8622, 4.8538,
6.1846

■ 72.7077, 90.7671,
104.9617

■ 1.0813, 2.1617,
2.8870

■ 95.2669, 117.2344,
134.9087

■ 0.0094, 0.6990,
1.0372

■ 122.0675,
148.4035, 170.0703

■ 0.0000, 0.0000,
0.0000

153.4748,

184.6586, 210.8650

189.8543,
226.3841, 257.7115

■ 17.5776, 24.2267,
28.9491

■ 17.5776, 24.2267,
28.9491

■ 16.6311, 23.7500,
28.4231

■ 18.7833, 24.8380,
29.4938

■ 15.9212, 23.3946,
27.9131

■ 20.2643, 25.5906,
30.0563

■ 15.4249, 23.1492,
27.4185

■ 22.0381, 26.4940,
30.6380

■ 15.1074, 22.9958,
26.9376

■ 24.1200, 27.5561,
31.2397

■ 15.0000, 22.9445,
26.7514

■ 26.5242, 28.7842,
31.8620

■ 29.2640, 30.1852,
32.5055

■ 32.3521, 31.7657,
33.1709

■ 35.8004, 33.5317,
33.8588

■ 39.6203, 35.4891,
34.5696

Harmonies

Analogous

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



17.8815, 24.2267, 20.5183



17.5776, 24.2267, 28.9491



18.6265, 24.2267, 38.5550

Triad

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



17.5776, 24.2267, 28.9491



26.9578, 24.2267, 42.3164



25.3187, 24.2267, 13.3996

Complementary

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



17.5776, 24.2267, 28.9491



15.2736, 10.5451, 7.3622

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.



28.0706, 24.2267, 17.0811



17.5776, 24.2267, 28.9491



29.0750, 24.2267, 33.2607

Square

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



17.5776, 24.2267, 28.9491



23.9076, 24.2267, 47.3362



29.4996, 24.2267, 23.9652



22.1678, 24.2267, 12.7508

Rectangle

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



17.5776, 24.2267, 28.9491



20.0128, 24.2267, 43.9037



29.4996, 24.2267, 23.9652



26.3290, 24.2267, 14.2756

Sweetspot

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



17.5783, 24.2276, 28.9497



42.0634, 48.3676, 54.9832



14.3152, 22.9906, 8.6847



9.4458, 10.9615, 12.5077



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.5783, 24.2276, 28.9497



29.0257, 41.7445, 49.9436



13.6340, 15.4787, 30.2871



5.9432, 6.5539, 7.3120



12.8168, 19.5995, 22.8748



0.1619, 0.2419, 0.3064

Inverse Universe

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



15.2736, 10.5451, 7.3622



24.5659, 15.1697, 8.0980



17.5541, 15.4513, 7.0588



5.8195, 5.8229, 6.1556



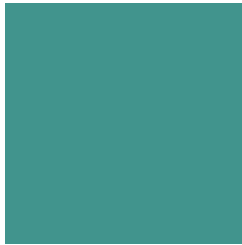
10.4957, 5.4033, 0.8254



0.1324, 0.0677, 0.0308

Previews

White Background



This preview shows how the XYZ color 17.5776, 24.2267, 28.9491 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 17.5776, 24.2267, 28.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

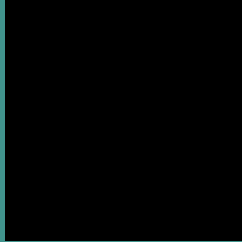
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5776, 24.2267, 28.9491

Background



This preview shows how black text looks on a background with the XYZ color 17.5776, 24.2267, 28.9491.



This preview shows how white text looks on a background with the XYZ color 17.5776, 24.2267,

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

17.5776, 24.2267, 28.9491

Protanopia

23.0753, 24.0620, 25.6185

Deuteranopia

24.2488, 23.7604, 30.0962



Tritanopia

18.9632, 24.3317, 35.5953

Trichromacy



Original Color

17.5776, 24.2267, 28.9491

Protanomaly

20.2321, 23.6223, 26.7858

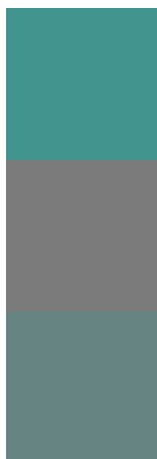
Deuteranomaly

20.9191, 23.4823, 29.8155

Tritanomaly

18.4739, 24.3670, 33.0078

Monochromacy



Original Color

17.5776, 24.2267, 28.9491

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.4456, 20.5843, 23.8226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5776, 24.2267, 28.9491 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(65, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(65, 148, 141)  
}
```

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(65, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.5776, 24.2267, 28.9491 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(65, 148, 141) }
```


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

```
.border{ border-color:rgb(65, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(65, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5776, 24.2267, 28.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 148, 141) }
```

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

```
.background{ background-color: rgb(65, 148,  
141) }
```

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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