

Converting Colors

XYZ(28.8292, 32.1133, 54.1140)

Have a look what the booklet for
XYZ(28.8292, 32.1133, 54.1140)
contains.

XYZ(28.8723, 32.2027, 53.9842)	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(28.8723, 32.2027,
53.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	739FBF
RGB	115, 159, 191
RGB Percent	45%, 62%, 75%
CMY	0.5490, 0.3765, 0.2510
CMYK	0.40, 0.17, 0.00, 0.25
HSL	205°, 37%, 60%
HSV	205°, 40%, 75%
XYZ	28.8723, 32.2027, 53.9842
YIQ	149.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

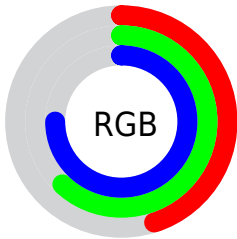
Format	Color
R_{YB}	115, 143, 191
Decimal	7577535
CIE _{Lab}	63.51, -6.60, -21.21
CIE _{LCh}	64, 22.212, 252.705
Yxy	32.2027, 0.2509, 0.2799
Android (android.graphics.Color)	4285767615 (0xFF739FBF)
YUV	149.4920, 20.4634, -30.2495
Hunter-Lab	56.7474, -8.4897, -16.6798

Details

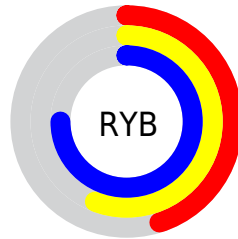
The XYZ color **28.8723, 32.2027, 53.9842** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.0147, 33.1821, 20.7799**, and the grayscale version is **28.7026, 30.1974, 32.8849**.

A 20% lighter version of the original color is **57.4126, 63.3546, 97.1984**, and **11.8645, 13.5554, 25.6580** is the 20% darker color. If you saturate the color by 10%, you get **25.2781, 28.3638, 53.4332**, and if you desaturate by 10%, it is **33.0789, 36.4923, 54.5910**.

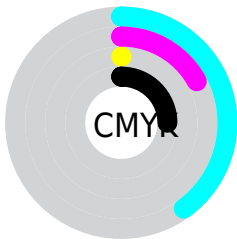
Distribution



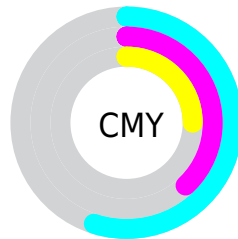
- Red (45%)
- Green (62%)
- Blue (75%)



- Red (45%)
- Yellow (56%)
- Blue (75%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8723, 32.2027, 53.9842 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 28.8723, 32.2027, 53.9842 by changing the saturation by 10% instead.

■ 28.8723, 32.2027,
53.9842

■ 28.8723, 32.2027,
53.9842

288.6170,
312.0416, 419.2227

■ 19.1280, 21.5164,
38.1959

■ 57.2731, 63.1287,
97.5072

■ 11.8674, 13.5020,
25.8318

■ 76.6603, 84.1372,
126.0790

■ 6.7250, 7.7751,
16.4732

■ 99.9926, 109.3552,
159.7492

■ 3.3355, 3.9514,
9.7017

127.6353,
139.1671, 198.9361

■ 1.3336, 1.6464,
5.0986

159.9537,
173.9573, 244.0583

■ 0.2081, 0.3886,
2.2455

197.3133,

■ 0.0000, 0.0000,

214.1102, 295.5345

0.7004

240.0792,
260.0101, 353.7831

■ 0.0000, 0.0000,
0.0000

■ 28.8723, 32.2027,
53.9842

■ 28.8723, 32.2027,
53.9842

■ 25.2781, 28.3638,
53.4332

■ 33.0789, 36.4923,
54.5910

■ 22.2591, 24.9519,
52.9338

■ 37.9262, 41.2474,
55.2534

■ 19.7786, 21.9460,
52.4843

■ 43.4440, 46.4867,
55.9738

■ 17.7939, 19.3215,
52.0823

■ 49.6595, 52.2263,
56.7541

■ 16.2548, 17.0497,
51.7250

■ 56.5983, 58.4819,
57.5958

■ 15.0665, 15.0790,
51.4072

■ 64.2846, 65.2680,
58.5006

■ 15.0430, 15.0395,
51.4008

■ 72.7413, 72.5987,
59.4698

■ 77.1221, 77.9777,
60.2772

■ 79.3264, 82.3863,
61.0120

Harmonies

Analogous

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



26.4393, 32.2027, 47.9399



28.8723, 32.2027, 53.9842



31.9353, 32.2027, 54.4566

Triad

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



28.8723, 32.2027, 53.9842



36.7881, 32.2027, 31.4467



26.7462, 32.2027, 23.9705

Complementary

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



28.8723, 32.2027, 53.9842



35.0147, 33.1821, 20.7799

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.



29.3174, 32.2027, 20.9261



28.8723, 32.2027, 53.9842



35.1927, 32.2027, 24.7273

Square

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



28.8723, 32.2027, 53.9842



36.6488, 32.2027, 40.3783



32.4113, 32.2027, 21.1775



25.2698, 32.2027, 30.2364

Rectangle

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



28.8723, 32.2027, 53.9842



33.9372, 32.2027, 51.4496



32.4113, 32.2027, 21.1775



27.5034, 32.2027, 22.5878

Sweetspot

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



28.8733, 32.2039, 53.9850



75.3230, 80.9237, 99.9290



30.9421, 43.0033, 34.1373



16.2466, 17.4929, 21.9055



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.8733, 32.2039, 53.9850



45.8868, 51.4712, 95.7956



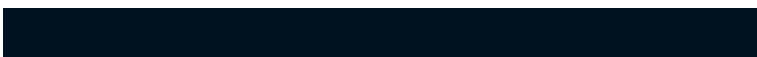
23.3530, 21.1633, 52.1448



9.4628, 10.1179, 12.1264



9.9671, 10.0458, 33.8066



0.4538, 0.5203, 1.3454

Inverse Universe

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



33.8754, 25.8419, 36.0048



56.4013, 39.4867, 57.6895



41.8603, 46.8734, 23.0618



9.7555, 9.6265, 11.1012



16.0317, 8.0438, 10.7264



0.6600, 0.3279, 0.5887

Previews

White Background



This preview shows how the XYZ color 28.8723, 32.2027, 53.9842 looks on a white background.

Color Contrast Check

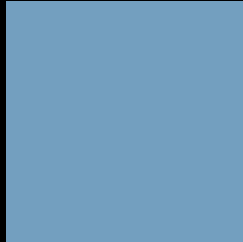
Large Text (above 18pt) WCAG AA × Fail

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 28.8723, 32.2027, 53.9842 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 28.8723, 32.2027, 53.9842

Background



This preview shows how black text looks on a background with the XYZ color 28.8723, 32.2027, 53.9842.

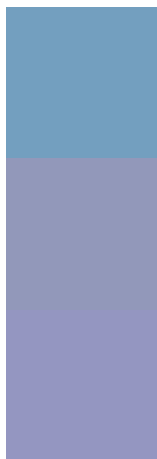


This preview shows how white text looks on a background with the XYZ color 28.8723, 32.2027,

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

28.8723, 32.2027, 53.9842

Protanopia

31.9452, 32.1126, 50.9690

Deuteranopia

32.7447, 31.9588, 54.8949



Tritanopia

27.2137, 32.3153, 45.3606

Trichromacy



Original Color

28.8723, 32.2027, 53.9842

Protanomaly

30.7901, 32.2244, 52.1741

Deuteranomaly

31.0590, 31.8225, 54.3745

Tritanomaly

27.7675, 32.2707, 48.4814

Monochromacy



Original Color

28.8723, 32.2027, 53.9842

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.4086, 30.7812, 39.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8723, 32.2027, 53.9842 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(115, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(115, 159, 191)  
}
```

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(115, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 159, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.8723, 32.2027, 53.9842 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(115, 159, 191) }
```


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

```
.border{ border-color:rgb(115, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(115, 159,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8723, 32.2027, 53.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 159, 191) }
```

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

```
.background{ background-color: rgb(115,  
159, 191) }
```

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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